

20030519.qrp v02_n925.qrl.20030519

Date: Mon, 19 May 2003 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2925

QRP-L Digest 2925

Topics covered in this issue include:

- 1) [150880] Re: Broadband over power lines
by JD Delancy <W1JD@drix.net>
- 2) [150881] Re: Mail Call & submin. tubes.
by "E. Roswell" <eroswell@monmouth.com>
- 3) [150882] RE: Ground Radial Systems
by "J. Michael Thurman, WN5T" <jmthurman@centurytel.net>
- 4) [150883] RE: Mail Call
by David Porter <aa3ur@comcast.net>
- 5) [150884] Re: W1RFI cancels trip to Dayton - need someone to get message to
Tom Dooley
by "John J. McDonough" <wb8rcr@arrl.net>
- 6) [150885] For Sale: Top Ten band decoder/remote antenna switch
by "Paul Womble" <pwomble@verizon.net>
- 7) [150886] [Q] Dayton: NorCal30 update?
by Ken Hopper N9VV <n9vv@wideopenwest.com>
- 8) [150887] Re: Mail Call & tiny tubes
by Steve Smith <sigcom@juno.com>
- 9) [150888] QST article on "killer DX Antenna"
by Duane Alles <w9zm@yahoo.com>
- 10) [150889] Re: Mail Call & tiny tubes
by Lenny Wintfeld <w2bvh@comcast.net>
- 11) [150890] Miniature Tubes
by "Jay Henson" <aj4ay@worldnet.att.net>
- 12) [150891] IARU BEACONS
by "sslyon" <sslyon@megalink.net>
- 13) [150892] Re: Mail Call & tiny tubes
by Brad Thompson <Brad.Thompson@valley.net>
- 14) [150893] Hotwater handbook
by "john gabbard" <johngabbard@usintouch.com>
- 15) [150894] hw8 handbook
by "john gabbard" <johngabbard@usintouch.com>
- 16) [150895] Source for Tiny Tubes
by wkhibbert@juno.com
- 17) [150896] St. Louis Tuner Found in Hiding!
by "Tom" <thom2@worldnet.att.net>
- 18) [150897] help for lurker, not really off topic
by oscar a hoyt <k5ubs@juno.com>

- 19) [150898] More FDIM '03 Pics
by "John J. McDonough" <wb8rcr@arrl.net>
- 20) [150899] Re: Tiny tubes
by Bruce Muscolino <w6toy@erols.com>
- 21) [150900] Whole lotta RTTY goin' on...Rock-Mite-20 style!
by "Bill, N4QA" <n4qa@hotmail.com>
- 22) [150901] MiniBoots Amps Delivered to Jim Cates and a special day for Jim
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 23) [150902] Re: Mail Call & tiny tubes
by Dale Botkin <dale@botkin.org>
- 24) [150903] Re: QST article on "killer DX Antenna"
by "Russ Hines" <wb8zcc@one.net>
- 25) [150904] Re: help for lurker, not really off topic
by "Frank Emens" <femens@hiwaay.net>
- 26) [150905] RE: Broadband over power lines
by "Bob & Janet" <jbcraft@adelphia.net>
- 27) [150906] Tek 465B operators manual and probe
by "Jerry Ford" <benlightnd13@mchsi.com>
- 28) [150907] AT Sprint: 1st Day in the Field (and Mods)
by Monty N5ESE <n5ese@io.com>
- 29) [150908] Encounter With A #955 Acorn Tube Transmitter
by mjfitz@uswest.net
- 30) [150909] Bad Dayton vs good Dayton
by nilsbull@juno.com
- 31) [150910] Flight of the Bumblebees - 2003
by "John Huffman" <hjohnc@core.com>
- 32) [150911] Building Computer QRP Style
by Brian Short <bshort4@cox.net>
- 33) [150912] IF or Audio DSP filter
by nlix@att.net
- 34) [150913] Re: QST article on "killer DX Antenna"
by Bruce Muscolino <w6toy@erols.com>
- 35) [150914] FYBO 2003
by Kfivebgb@aol.com
- 36) [150915] Warblers - Are they getting dusty ?
by <stanw@toxso.com>
- 37) [150916] Re: help for lurker, not really off topic
by David Hinerman <WD8CIV@worldnet.att.net>
- 38) [150917] Re: Source for Tiny Tubes
by Bruce Muscolino <w6toy@erols.com>
- 39) [150918] Re: help for lurker, not really off topic
by Bruce Muscolino <w6toy@erols.com>
- 40) [150919] RE: Broadband over power lines
by "AI2Q" <ai2q@adelphia.net>
- 41) [150920] help for lurker: CW-Paddle help
by "sslyon" <sslyon@megalink.net>
- 42) [150921] Re: Tiny tubes
by "M. J. Powell" <mike@pickmere.demon.co.uk>

- 43) [150922] Re: Mail Call & tiny tubes
by "M. J. Powell" <mike@pickmere.demon.co.uk>
- 44) [150923] FDIM Pix
by "John P. Cummins, Sr." <jpcummins@charter.net>
- 45) [150924] Re: Mail Call & tiny tubes
by Dale Botkin <dale@botkin.org>
- 46) [150925] Re: Warblers - Are they getting dusty ?
by "Pastor-kc1di" <elbc2@gwi.net>
- 47) [150926] QST Hamcon Attendees, WAS:[Elecraft] Booth help needed for HamCon
2003 in Estes Park
by "Rod N0RC" <rod@n0rc.us>
- 48) [150927] Re: Warblers - Are they getting dusty ?
by "r" <rong5@mindspring.com>
- 49) [150928] Re: AT Sprint: 1st Day in the Field (and Mods)
by "sslyon" <sslyon@megalink.net>
- 50) [150929] Re: Mail Call & tiny tubes
by David Hinerman <WD8CIV@worldnet.att.net>
- 51) [150930] RE: ARRL Poll
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 52) [150931] RE: ARRL Poll
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 53) [150932] Better start saving
by Alex <kr1st@amsat.org>
- 54) [150933] FS: Experimental Methods in RF Design
by "w8diz" <w8diz@fpqrp.com>
- 55) [150934] Re: IF or Audio DSP filter
by Alex <kr1st@amsat.org>
- 56) [150935] They do listen :) [Fwd: Icom QRP rig ad in QST]
by Alex <kr1st@amsat.org>
- 57) [150936] Re: Warblers - Are they getting dusty ?
by "Lee Mairs" <lmairs@direcway.com>
- 58) [150937] Re: Broadband over power lines
by "Russ Hines" <wb8zcc@one.net>
- 59) [150938] RE: IF or Audio DSP filter
by "Boulineau, Lee" <lee.boulineau@attws.com>
- 60) [150939] Re: Experimental Methods in RF Design
by "w8diz" <w8diz@fpqrp.com>
- 61) [150940] RE: [Elecraft] help for lurker, not really off topic
by "Bob Tellefsen" <n6wg@earthlink.net>
- 62) [150941] Re: AT Sprint: 1st Day in the Field (and Mods)
by Monty N5ESE <n5ese@io.com>
- 63) [150942] F/S 817 plus
by <nf7v@cox.net>
- 64) [150943] Re: Mail Call & tiny tubes
by "M. J. Powell" <mike@pickmere.demon.co.uk>
- 65) [150944] Re: Source for Tiny Tubes
by "M. J. Powell" <mike@pickmere.demon.co.uk>
- 66) [150945] Another Great FDIM

- by "John P. Cummins, Sr." <jpcummins@charter.net>
- 67) [150946] Re: AT Sprint: audio...
by "sslyon" <sslyon@megalink.net>
- 68) [150947] warbler conversion question
by Michael Goins <mgoins@usa.net>
- 69) [150948] Re: AT Sprint: audio...
by "KXBill" <w7kxb@cox.net>
- 70) [150949] Scope manuals
by listmember <listmember@comcast.net>
- 71) [150950] JFETs Cont. [WARNING!: Contains Data]
by "Brad Hernlem" <alihernlem@hotmail.com>
- 72) [150951] For trade: FT-817 Multiband Antenna
by "=?iso-8859-1?q?Miguel=20Angel=20D.J.?=" <ea1bp@yahoo.es>
- 73) [150952] norcal paddles sold
by "Brian K. Shiratsuki" <bks@usa.net>
- 74) [150953] PSK-20's? Re: Warblers - Are they getting dusty ?
by John Rollins <kd7bcy@teleport.com>
- 75) [150954] RE: Mail Call
by Brad Thompson <Brad.Thompson@valley.net>
- 76) [150955] RE: Mail Call
by David Hinerman <WD8CIV@worldnet.att.net>
- 77) [150956] Re: IF or Audio DSP filter
by "Joe W2KJ" <w2kj@bellsouth.net>
- 78) [150957] RE: FDIM Pix
by "Emmerson Bigguns" <n8ie@woh.rr.com>
- 79) [150958] RE: Bad Dayton vs good Dayton
by "Emmerson Bigguns" <n8ie@woh.rr.com>
- 80) [150959] Where are the Dayton Reports???
by "Doug Hendricks" <ki6ds@dph.dpol.net>

Date: Sun, 18 May 2003 17:47:07 -0400
From: JD Delancy <W1JD@drix.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150880] Re: Broadband over power lines
Message-ID: <3EC7FF5B.60D5EF43@drix.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Isn't supplying broadband access to anyone and everyone getting a bit out of hand? The telephone companies offer it, the cable TV companies offer it, and now the power utilities want to do it. Maybe it's time to pull back the reins the proliferation of broadband providers.

My .02 pfennings

jd

Wayne Rogers wrote:

> I'm sure everyone has posted their comments to the FCC on this subject of
> never ending HF QRN. If not
> take a look at the links below and if nothing else tell the FCC "for it"
> or "against it."
>
> Reference: <http://www.arrl.org/wlaw/> 'ARLB031'.
>
> GO TO:
> <http://gullfoss2.fcc.gov/ecfs/Upload/>
>
> Wayne_W5KDJ
> ex: SV0WWW_TF2WJN
> ARS_1392 ARCI_11325 FISTS_10060 SOC_538

Date: Sun, 18 May 2003 17:56:13 -0400
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [150881] Re: Mail Call & submin. tubes.
Message-ID: <3EC8017D.256E681E@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>....the next generation of military radios, an/prc6, an/prc8-9-10, (and many
>others) used the little flat tubes(the only no.I can think of is 5676, but
>they were about 1/4 in. thick, maybe 1 in. tall and most of them came
with...."

Absolutely, I remember the AN/PRC-6 in the Ft. Monmouth Army R&D Labs, but it was done well before I got there. Transistors were just coming available to experiment with, circa 1957. My first boss was Bob W2ASL and I believe he was in on the PRC-6. Another call in the labs I remember was Paul, W20GY I believe, not sure which he worked on. A number of hams were in Combat Radio development, but the names and calls escape me now. Someone who would know all the players at that time would be Tony, W2GUM.
73, Ed, K2MGM.

Date: Sun, 18 May 2003 16:56:06 -0500

From: "J. Michael Thurman, WN5T" <jmthurman@centurytel.net>
To: <aa4lr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150882] RE: Ground Radial Systems
Message-ID: <NNEGKHLPLGLAHOFDBJMAENACKAA.jmthurman@centurytel.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry about the obvious brain cramp. I'll blame the slip on finals week!!!!
The radials Jon put down were 66' long...not 34'. I have some 34' lines
down in my installation..those are 1/4 lambda for 40m... I also have 4 - 1/4
lambda radials for 80m...thus the 66'.

Sorry...too much history, so little time!!!

Michael
WN5T

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Bill Coleman
Sent: Saturday, May 17, 2003 8:51 AM
To: Low Power Amateur Radio Discussion
Subject: RE: Ground Radial Systems

On 5/11/03 11:19 PM, J. Michael Thurman, WN5T at jmthurman@centurytel.net
wrote:

>A friend and I have been experimenting with Hustler 5BTVs since Christmas.
>I put down the "tuned" radial system as recommended by Hustler. Jon,
>KC5LVW, put down 16 or so radials that were 34 ft. long (approx 1/4 wave
on
>80m). He's down to four radials (per the lawn service!) and everything is
>still FB. We both used 14 AWG stranded, insulated wire.

34 foot radials are no where near 1/4 wave on 80m. My 60 foot radials on
my shunt fed tower are about .22 wavelength on 80m. 34 feet is a little
more than 1/4 wave on 40m.

>To summarize our findings: Cutting the radials for the lowest desired band
>seems best-forget trimming them for the different bands. Four seem to be
>fine, but sixteen seem to work better.

Depending on your ground conductivity, somewhere between 20 and 60
ground-mounted 1/4 wave radials is about right. As you add more radials,
the returns diminish.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Sun, 18 May 2003 18:08:05 -0400
From: David Porter <aa3ur@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [150883] RE: Mail Call
Message-ID: <NGBBICPOCLKMGIBGGBEAMEMJDIAA.aa3ur@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I actually bought a surplus, handheld transceiver around 1963. I think it was used for air rescue work. It was yellow and about the size of a brick. The antenna was really neat. You would pull two collapsible antennas out about 18 inches or so and bend them at right angles, so they formed a dipole. Then you pulled a little more and it raised the "center insulator" about another 18 inches from the rig. It had three or four buttons on the side, and I think the transmit button could be locked down with a sliding mechanism. It had one mic/speaker, and a connector for batteries.

I never could find any information on it and I don't know what happened to it. It had about 7 of those little pencil tubes in it and lots of "floating" solder connections. They couldn't float too far, because nearly every cubic inch inside it was already taken.

Dave, AA3UR

Date: Sun, 18 May 2003 18:17:10 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <kr1st@amsat.org>
Subject: [150884] Re: W1RFI cancels trip to Dayton - need someone to get message to Tom Dooley
Message-ID: <010701c31d8b\$3b476460\$010044c0@chartermi.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Alex" <kr1st@amsat.org>
Subject: Re: W1RFI cancels trip to Dayton - need someone to get message to Tom Dooley

> Now you are discussing "why radio". If the PLC industry gets its way,
> you'll soon be discussing "what radio". Please consider filing comments
> on the Notice Of Inquiry the FCC recently put out.

One of the things Greg emphasized at his short presentation at FDIM was to NOT file comments simply hand wringing and predicting the end of the world. File comments that include DATA. The League has a project to collect data using a standard method that the Commission can find credible. I can't seem to find it on the ARRL site quickly, perhaps when I find my notes for the session (senior moment and all that) but likely when Ed or Greg gets back they can speak far more authoritatively than I.

The point is, though, save your comments until you can have something meaningful to say. The commissioners are apparently in love with this thing, and the only thing that might change their mind is their technical staff. And the technical staff will only be swayed by data.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 18 May 2003 18:38:05 -0400
From: "Paul Womble" <pwomble@verizon.net>
To: <qrp-1@Lehigh.EDU>
Subject: [150885] For Sale: Top Ten band decoder/remote antenna switch
Message-ID: <000401c31d8e\$26721c80\$6401a8c0@house>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Top Ten band decoder & tower mounted six way relay box for sale.
Includes the Top Ten cable to interface Yaesu transceivers to the band decoder and original manual.

Relay box is in good condition...was mounted outside in a weather proof enclosure.

Normal price from Top Ten is \$266 for the relay/decoder plus \$25 for the interface cable.

Will ship for \$175.

Paul K4FB

Date: Sun, 18 May 2003 17:53:43 -0500
From: Ken Hopper N9VV <n9vv@wideopenwest.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [150886] [Q] Dayton: NorCal30 update?
Message-ID: <3EC80EF7.95CD3253@wideopenwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Did any of you FDIIM guys get an update on the NorCal30?
real? vaporware? just a laboratory exercise?

TU de ken n9vv
<http://www.n9vv.com/NorCal30project.html>

Date: Sun, 18 May 2003 16:08:49 -0700
From: Steve Smith <sigcom@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [150887] Re: Mail Call & tiny tubes
Message-ID: <20030518.160856.1188.4.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group,

Here is a URL with data for many subminiature (aka peanut) tubes
<http://home.netcom.com/~wa2ise/radios/penciltubes.html> .

FWIW I think "pencil" is more apropos to subminis owing to their shape however the term "pencil tube" originally was given to some early microwave tubes (ref. 1957 ARRL Handbook, pp. 385, 405. Photograph: <http://members.aol.com/ecc81/yardsale/penciltubes.html>) of the glass

and/or ceramic "disk seal" types. The term "peanut tube" was originally given to subminiatures like we are discussing, probably a succession of the "acorn" tubes which were the subminis of the '30s and '40s.

Submini tubes can be used either with sockets (by clipping short the flying leads) or soldered directly into the circuit as was common in post WWII bombs and missiles (one missile that comes to mind is the air-to-air Sperry (and later Raytheon) Sparrow circa 1956).

Those tubes are still around if you look. Just last month at the NGST (ne: TRW) swap I saw a carton of probably 50 NOS Mil. 1AD4 tubes which were used quite commonly in early Motorola FM pack sets, known around these parts as "lug-a-talkies".

OB QRP: My first FM transceiver was a converted Bendix 5663 (based upon the MRT-9), originally designed for one of the alphabet agencies to send and receive non-voice data. It's loaded with subminis and runs two 6397 pentodes push-pull in the final for a couple of Watts output on 146 MHz. I'd love to know more about this radio as the little printed information I have on it has been heavily "redacted".

A novelty QRP rig could certainly be built with submini tubes. The only major drawback I can think of is that even though they're tiny, peanut tubes still require relatively high voltages to operate efficiently, especially the "power" tubes like the 6397. Of course, one could use a vibrator power supply like on my Bendix, HA!

Hmmmmmm.....where's that giant-sized Altoids tin I stashed away? :-)

73.....Steve Smith, WB6TNL
Oxnard, CA USA
"Snort Rosin"

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 18 May 2003 16:18:32 -0700 (PDT)
From: Duane Alles <w9zm@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [150888] QST article on "killer DX Antenna"
Message-ID: <20030518231832.28764.qmail@web13902.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello All,

Does anyone have the specs or article on the killer dx antenna? I believe it was in the June 99 QST.

Thanks in advance
Duane, W9ZM

Do you Yahoo!?
The New Yahoo! Search - Faster. Easier. Bingo.
<http://search.yahoo.com>

Date: Sun, 18 May 2003 19:20:46 -0600
From: Lenny Wintfeld <w2bvh@comcast.net>
To: Brad.Thompson@valley.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
Subject: [150889] Re: Mail Call & tiny tubes
Message-ID: <3EC8316E.90704@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

I built up a MOPA transmitter a few months back with these lil critters (vfo/buffer/amp), but was only able to coax 180 mW out of the amp. My design goal was ~ 600 mW so I consider it a failure. I may get back to it one day.... I think there's not enough grid drive on the final.

73,
Lenny W2BVH

Brad Thompson wrote:

> Hello--
>
> Actually, subminiature tubes (about the diameter of a wooden pencil
> and approximately
> an inch long) were used in a wide variety of applications from the
> mid-1940s through the 1960s.
> Apps included the World War II proximity fuze as used in antiaircraft
> shells, hearing aids (as previously
> noted), model-aircraft radio-control receivers, a few pre-transistor
> pocket-portable radios (Emerson
> made a few), the original Hawk missile's onboard control circuitry,
> the B-58 "Hustler" bomber avionics

> and even a "magic eye" tube used in early computer console displays
> for displaying ones and zeros..
>
> The hearing-aid tubes featured 0.75- or 1.5-volt filaments and used
> either 22.5 or 45 volt plate supply
> batteries; the types used in military apps generally had 6.3-volt
> heaters and up to 300-volt plate supplies.
> Varieties included VHF triodes (the 5702, which had a flat-pressed
> stem base), dual triodes (the 6111
> and 6112, which had circular bases) a beam-power pentode (the 5639,
> IIRC) and even a high-voltage
> rectifier (the 5642, used in certain 1950s Tektronix oscilloscopes).
>
> In general, subminiature tubes offered advantages in size, weight and
> shock resistance.
> You can learn more about these fascinating little critters by doing a
> web search for "subminiature tubes",
> and specs are still available. Raytheon and Sylvania were the primary
> manufacturers of these tubes.
> Ludwell Sibley's indispensable book "tube Lore" offers abbreviated
> specs, and there's also an
> organization called the "Tube Collectors Association" that may offer
> further info or pointers on its
> web site.
>
> (Later on, the advent of the Nuvistor and transistor made the
> subminiature tube obsolete.)
>
> Can you use these tubes for QRP application? I don't see why not-- I
> can envision a single-band rig built
> on a PC board that would drop into a metal card file box and use an
> external power supply.
>
> In short, while it's okay to toss old resistors and capacitors, never
> discard active devices. You never
> know when you might want to put 'em to work....
>
> 73--
> Brad AA1IP
> *****
> At 10:04 AM 05/18/2003 -0700, Nick Kennedy wrote:
>
>> It's a law of nature that any weird junk you throw away later becomes
>> fascinating and rare. About 15 years ago a guy gave me some old
>> military
>> radio junk which featured these little bitty tubes. I salvaged what
>> looked
>> good and threw the rest away, including all but one of the tubes,

>> which I
>> kept as a curiosity.
>>
>> It's flat, 1/4 inch thick and 3/8 inch wide, 1-3/16 inches tall not
>> counting
>> the pins and the seal-off tip. Has five wire-like pins arranged
>> in-line.
>> They weren't soldered in, though. I can see a grid or two in there
>> with my
>> jeweler's loupe. Sure wish I'd kept a handful--they'd be fun to play
>> with
>> now.
>>
>> 72--Nick, WA5BDU
>
>
>
>

Date: Sun, 18 May 2003 18:26:39 -0500
From: "Jay Henson" <aj4ay@worldnet.att.net>
To: "QRPL" <qrp-1@lehigh.edu>
Subject: [150890] Miniature Tubes
Message-ID: <004901c31d94\$ef952480\$9173560c@jay>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

The discussion on miniature tubes brought back some fond memories of my early days in the Army circa 1964. My first introduction to electronics was at Ft Benning in radio repair school.

The Army was in transition at that time from vacuum tube to solid state radios. We spent 16 weeks on the old tube sets and 1 week on the new solid state sets. The primary radio at battalion and lower levels was the RT-67 (infantry version) and it was full of the miniature tubes. Additionally, the PRC-6 (the famous walkie talkie) was all miniatures tubes.

The following link has a good picture of how small those tubes were in the early 60's. The 4th picture down shows a 5678 tube (1U4).

<http://pw1.netcom.com/~wa2ise/radios/AA5submini.html> 1U4 mini tube

Been a long time since I thought about those days.

Jay
AJ4AY
Mobile, AL
QRPL 1372, ARCI 8131, FISTS 7917, FP -115, SOC 220

Date: Sun, 18 May 2003 19:51:58 -0400
From: "sslyon" <sslyon@megalink.net>
To: <stanw@toxSOR.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [150891] IARU BEACONS
Message-ID: <000d01c31d98\$78c95200\$0ac8e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I use the beacons regularly and do hear the 100mW sigs surprisingly often. I would hate to have to be trying to pick "intelligent info" out of the QRM/QRN at that level tho! As has been often repeated here, the a dead sounding band is not always a dead band, and the beacons are a great way to peek at propagation before CQ-ing.

A real validation of the old antenna height value was to compare a dipole at ~20' against one at ~40' -a dramatic difference. The low one couldn't even hear three of the beacons while the wire at 35' heard them all.

73
aa1my

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm
----- Original Message -----
From: <stanw@toxSOR.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, May 18, 2003 12:06 PM
Subject: International Propagation Beacons

> Want to know how a 100 milliwatt signal sounds like on the other side of the
> world ? Check out the Propagation Beacons.
>
> I pickup several of the ones on 14100 very easily even with simple wire
> antenna. If you can hear the four dashes after the call letters the first
> dash is 100 w, 10 w, 1 w and ends up at 100 milliwatts. They operate
> around the clock 24/7 and several web sites have a map with the locations of
> the various calls. The stations use simple vertical antenna so if you can
> hear them then someone in their area should be able to hear your QRPP
> signal. Code speed a little fast for a beginner, but after a few minutes
> you will be able to read the calls in your head.
>
>
> <http://www.ncdxf.org/beacon/beaconSchedule.htm> is a good site for
> additional information.
>
>
> I would be interested in learning of others who use the signals in their QRP
> work. Nice to have 1 w and 100 milliwatt reference signals available from
> all areas of the world. Each station transmits for 10 seconds in a
> minute or so you know what the skip conditions are around the world. I
> only listen to the one on 20 meters but they are on all of the higher bands.
>
> I know there are several personal beacons on 28 mhz, etc. But most of
> those run 5 watts. I prefer listening for the milliwatt sources.
>
> de Stan ak0b
>
>

Date: Sun, 18 May 2003 20:06:32 -0400
From: Brad Thompson <Brad.Thompson@valley.net>
To: WD8CIV@worldnet.att.net,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150892] Re: Mail Call & tiny tubes
Message-ID: <5.0.2.1.2.20030518195333.023acb70@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:09 PM 05/18/2003 -0400, David Hinerman wrote:

>Brad,
>
>Now that's an impressive device - a tube that can survive being launched
>from a cannon.
>

>That's "above and beyond" trail-friendliness.

>

>Dave

>

>-----

>Dave Hinerman

>WD8CIV@att.net

Hello--

According to "The Deadly Fuze" (see below), every tube underwent a 20,000-G centrifuge cycle at the factory. One experimental tube designed by a Canadian manufacturer survived a 70,000-G centrifuge spin but wasn't used because it was physically too large.

For the inside story on the proximity, or more properly the VT, fuze, look for a copy of the following somewhat scarce book:

The Deadly Fuze: The Secret Weapon of World War II, by Ralph B. Baldwin, Presidio Press, San Rafael, CA, 1980. ISBN 0-98141-087-2

A U.K. edition was also published by Jane's Publishing Co.

BTW, there's a simultaneous thread ("Type '19 tube crash-test (long)") ongoing in the Glowbugs newsgroup involving a feisty house cat, a Doerle receiver, and gravitational interaction with a hard surface. The type 19 (dual triode, filament, six-pin base IIRC) and the cat survived just fine!

73--

Brad AA1IP

Date: Sun, 18 May 2003 17:09:06 -0700

From: "john gabbard" <johngabbard@usintouch.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [150893] Hotwater handbook

Message-ID: <007f01c31d9a\$ddd18210\$f7811c0c@john>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

are they still available? Thanks john...anyone want to sell one?

Date: Sun, 18 May 2003 18:01:04 -0700
From: "john gabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150894] hw8 handbook
Message-ID: <000501c31da2\$2004d180\$80811c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks, I looked it up on the web, like I should have first! Thanks...John

Date: Sun, 18 May 2003 21:06:14 -0400
From: wkhibbert@juno.com
To: qrp-1@lehigh.edu
Subject: [150895] Source for Tiny Tubes
Message-ID: <20030518.210614.-455475.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

If anyone is flea marketing and sees the Motorola portable VHF rigs from the 50's (they are about 12" x 4" and 10 - 15 inches high with the battery pack, a top carrying handle), the VHF Low and VHF High models had several sub chassis full of the miniature tubes, and they ran a 3A5 or similar for the final.

The 3A5 and similar could be wired for either a 1.5V or 3V filament string and were used in a couple of portable stations that were presented in QST and CQ in the late 40's and 50's.

These portables (the Motorolas) saw a lot of use in CD and Fire & Police service in the land mobile service. I picked one up last year for \$1 and saw a couple for \$2.50 - \$5 crystallized and running on 2 & 6 Meter FM.

Ask around. Someone just might have one collecting dust.

73, Wm. Keith Hibbert, WB2VU0, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Date: Sun, 18 May 2003 21:17:50 -0400
From: "Tom" <thom2@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [150896] St. Louis Tuner Found in Hiding!
Message-ID: <002301c31da4\$79094ac0\$05d6580c@1xjhu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I was cleaning out the garage today and what do you think I found hiding
way in the corner? A completely unbuilt St. Louis Tuner kit put out by
Norcal - must have been 5 years ago. It was like Christmas morning :))

Tom (Happy Ham), WB2QDG

I may run qrp but I've got a Higher Power!

Date: Sun, 18 May 2003 19:26:24 -0500
From: oscar a hoyt <k5ubs@juno.com>
To: elecrafft@mailman.qth.net
Cc: qrp-l@Lehigh.EDU
Subject: [150897] help for lurker, not really off topic
Message-ID: <20030518.205712.-1790243.1.k5ubs@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello my name is Oscar and I'm a poor CW operator.

Kind of a take off on an AA meeting. (I'm not a member just saw it on TV)

I just had a qso with WD5ILB in Azel, Tx, he was calling CQ at a speed I thought I could handle. He did very well but my sending with a home made paddle (similar to the hand held type, the TE NE KE that KK5PY makes).... well my sending on the air really STINKS... In the Navy (aviation) I worked as a radioman and passed a squadron code school at 20WPM sending and receiving. But that was with a straight key, bugs were not even allowed.. I've been told I had a good fist with a straight key, but not real fast with it.

My question is how do I improve my sending with a keyer and paddle? I know I should get on the air more and that would help but the poor guys trying to copy my sending will go nuts!

Would a good set of paddles help? If so I think I can swing for a good set.

OR should I set the K2 for straight key and pull out the old Western Union telegraph key and forget about a keyer?

Does anyone else have this trouble? I like CW and qrp and have not used SSB in a long time and I don't want to give up CW. Oh yes I'm an Extra class and took the code test at the FCC office but didn't have to send, just rec 20.

Any suggestions appreciated. Too many qrp rigs to just set idle...

Oscar K5UBS NETX QRP and NORTEX QRP

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Date: Sun, 18 May 2003 21:59:21 -0400

From: "John J. McDonough" <wb8rcr@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [150898] More FDIM '03 Pics

Message-ID: <[045f01c31daa\\$6aa2b600\\$010044c0@chartermi.net](mailto:045f01c31daa$6aa2b600$010044c0@chartermi.net)>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Here's some of my FDIM03 pictures. These are just contact sheets, pretty raw. And no cool captions like Jeff. But more stuff to gawk at.

<http://www.qsl.net/wb8rcr/images/FDIM/fdim01.jpg>

<http://www.qsl.net/wb8rcr/images/FDIM/fdim02.jpg>
<http://www.qsl.net/wb8rcr/images/FDIM/fdim03.jpg>
<http://www.qsl.net/wb8rcr/images/FDIM/fdim04.jpg>

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 18 May 2003 22:15:53 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [150899] Re: Tiny tubes
Message-ID: <3EC83E59.B2FB5043@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl,

You were extremely lucky. I started in 1958, and my school only taught tubes. In fact we had the father of load line analysis, Dr. Albert Preisman, on our faculty! I could design you a system to take you to the moon using tubes when I went to work for an all transistor comp any!

73

Date: Sun, 18 May 2003 22:33:28 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [150900] Whole lotta RTTY goin' on...Rock-Mite-20 style!
Message-ID: <BAY1-F105Y1f1Ybbgpn00008d8c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Must have a pipeline into Winnipeg, Manitoba from here...three VE4s from there in the past couple of weeks...haven't 'heard' from so many of those nice folks in a long time...
Well, added Indiana to my WAS effort this evening during the final minutes of the Anatolian RTTY test.
Only 45 states remaining...guess I'll go for all Canadian provinces too but looks like all the RTTY ops up there are in VE4 :)

Also worked into Dallas this evening and even though I already had Texas in the log, it was a blast to land big D.

Guess I won't be getting too deep into my DSW(-II)-RTTY project until I get this Rock-Mite-RTTY thang out of my system. BTW, DSW(-II)-RTTY is all done, in my mind, but has yet to appear in the real world...

Ok, I'll try to contain my RM-RTTY fervor and limit my reports to weekly events...

Still thinking about that IC-703...haven't bought a new import since '86...may be time again...

It'd be nice to have a rig with the frequency stability of that favorite Timex I had back in '83.

Too bad I KO'd it on the deck of the Sealand Voyager (KHRK) one day...I REALLY liked that watch!

"It died with an awful sound..." - from 'Smoke on the water'.

box...there's a box?

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

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<http://join.msn.com/?page=features/junkmail>

Date: Sun, 18 May 2003 20:12:02 -0700

From: "Doug Hendricks" <ki6ds@dph.dpol.net>

To: <qrp-1@Lehigh.EDU>

Subject: [150901] MiniBoots Amps Delivered to Jim Cates and a special day for Jim

Message-ID: <037201c31db4\$6b4971c0\$4a0b0d0a@dph.dpol.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

This afternoon a day that I have been looking for finally got here. I had the pleasure of giving Jim Cates the MiniBoots kits so that he can mail them this week. Jim will spend tomorrow adding the mailing labels, and then he will be off to the post office on Tuesday or Wednesday to put them in the mail. This project has taken far, far too long, but it is finally done. We have about 70 kits left. They are for sale for \$30 each, and if you want one, please send me an email with miniboots ordering info in the subject line. Guys, do not sleep at the wheel on this one, there will only be a total of 300 kits done, and when they are gone, that is it. The FCC allows us to do a group buy of parts, but we had to set a limit in advance, and the

limit was set at 300. New orders will ship immediately, no waiting for kitting or parts to arrive. Thank you to all of you who preordered and showed us an unbelievable amount of patience and understanding through this ordeal. Both Jim and I are glad that we are finally able to ship the kits.

Another treat was that Jim and I got to eat dinner together and celebrate Jim's 77th birthday today. I did not know it until Jim mentioned it shyly during the meal, as only he can, grin. If you would like to send him a happy birthday greeting via email his email address is:

wa6ger@juno.com

We discussed plans for a special event to happen on June 1st. I'll make another posting about that tomorrow. 72, Doug, KI6DS

Date: Sun, 18 May 2003 22:22:06 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150902] Re: Mail Call & tiny tubes
Message-ID: <Pine.LNX.4.33.0305182219001.14853-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 18 May 2003, Brad Thompson wrote:

> Actually, subminiature tubes (about the diameter of a wooden pencil
> and approximately an inch long) were used in a wide variety of
> applications from the mid-1940s through the 1960s.

I also saw them as late as the late 70's in meteorological radiosondes used at Ft. Sill, where the Army trained the met folks. Thought they were pretty cool, wish I'd been able to keep a couple. They were sent up by balloon and fell back to the ground with a tag requesting they be returned for re-use.

72,
Dale - N0XAS

--
It's a thankless job, but I've got a lot of Karma to burn off.

Date: Sun, 18 May 2003 23:26:30 -0400

From: "Russ Hines" <wb8zcc@one.net>
To: <w9zm@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150903] Re: QST article on "killer DX Antenna"
Message-ID: <00c101c31db6\$71698520\$4307c00a@WB8ZCC2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Duane:

"A Simple Killer Antenna," it's an article by W1AB in the June 1999 QST, page 56. It's an elevated ground-plane vertical for 40m, Duane. Vertical element is 33' with (3) 33' radials, fed at the base of the vertical element with 450 ohm ladder line to a tuner. The antenna was strung up in a tree, radials were about 10' off the ground according to the article.

Hope this helps.

73,
Russ Hines
WB8ZCC

----- Original Message -----

From: "Duane Alles" <w9zm@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, May 18, 2003 7:18 PM
Subject: QST article on "killer DX Antenna"

> Hello All,
>
> Does anyone have the specs or article on the killer dx
> antenna? I believe it was in the June 99 QST.
>
> Thanks in advance
> Duane, W9ZM
>
> _____
> Do you Yahoo!?
> The New Yahoo! Search - Faster. Easier. Bingo.
> <http://search.yahoo.com>
>

Date: Sun, 18 May 2003 22:54:31 -0500
From: "Frank Emens" <femens@hiwaay.net>
To: k5ubs@juno.com
Cc: qrp-1@lehigh.edu
Subject: [150904] Re: help for lurker, not really off topic
Message-ID: <3EC80F27.31040.2B1F107@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Here's a suggestion on improving your sending with a keyer. Get yourself something -- a computer program or one of the multi-purpose rtty/packet adapters that will copy incoming cw. Practice sending (off the air) and letting the robot read your cw.

I've found them to be pretty critical about the quality of cw they are expected to copy -- it needs to be near perfect.

I tried it with my own sending and was surprised that, although I was forming letters accurately, I was not handling word spacing, etc. very well. I kept at it until I could get clean copy on the crt with properly spaced words and everything. I suspect I need to do the same thing for a while now since I've not been on the air in a while. but there you have it. A way to get critical evaluation of your sending without antagonizing anybody.

Date: Mon, 19 May 2003 00:23:40 -0400
From: "Bob & Janet" <jbcraft@adelphia.net>
To: <W1JJD@drix.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [150905] RE: Broadband over power lines
Message-ID: <000701c31dbe\$6d20be40\$2563aa44@home.msft>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Nice idea if you live in a civilized area...
I live in Liberty Township Ohio. I live 26 miles north of Cincinnati, 30 miles south of Dayton... I can see I-75 from my window and if I look thru the spotting scope, I can see the AT&T fiber optic run -- the main

backbone -- that runs north and south -- BUTTTTTT...

I have Adelphia as a cable provider, I have Cincinnati Bell as my LEC. BOTH are not doing so hot in the market these days. Adelphia has been in the news as the founders have been seen doing the "perp walk" into federal custody. This area has grown so fast, and CBT was too slow to react, that we are SLIK'ed to the max here. NO xDSL for me! The cable only recently went digital. I waited nearly two years for broadband... As limited as it is!.

There are not many civilized areas in the USA that is not on the grid, but there are many areas that do not have digital cable or xDSL. I would LOVE to see broadband over power lines, but ONLY IF it does not interfere with HF (oh, I live near WLW and perhaps you heard about the problems with WLW and especially the Cincinnati Gas & Electric - aka Cinergy). I am glad that VOA is closed.

Given Cinergy's recent history with QRM, I can only pray that they are never allowed to go on line, but what are the alternatives?

Bob K8YS

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of JD Delancy

Sent: Sunday, May 18, 2003 5:47 PM

To: Low Power Amateur Radio Discussion

Subject: Re: Broadband over power lines

Isn't supplying broadband access to anyone and everyone getting a bit out of hand? The telephone companies offer it, the cable TV companies offer it, and now the power utilities want to do it. Maybe it's time to pull back the reins the proliferation of broadband providers.

My .02 pfennings

jd

Wayne Rogers wrote:

> I'm sure everyone has posted their comments to the FCC on this subject

> of never ending HF QRN. If not take a look at the links below and if
> nothing else tell the FCC "for it" or "against it."

>

> Reference: <http://www.arrl.org/wlaw/> 'ARLB031'.

>

> GO TO:

> http://gullfoss2.fcc.gov/ecfs/Upload/
>
> Wayne_W5KDJ
> ex: SV0WWW_TF2WJN
> ARS_1392 ARCI_11325 FISTS_10060 SOC_538

Date: Sun, 18 May 2003 23:21:46 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>
Subject: [150906] Tek 465B operators manual and probe
Message-ID: <02d301c31dbe\$29f946a0\$f374da0c@mchsi.com>

Ladies and Gentlemen;

Well I made it to FDIM and ended up as the proud parent of a Tektronix 465B. It came with the instruction manual " BUT " no operators manual or probes. So, looking for some advise from the group. Where are you getting probes? Which probes are you using " 10X or 1X / R / 10X " ?? If you had to buy a probe, where did you get it ?? Does anyone have a source for an operators manual ?? Anyone have an extra you would part with ?? Or a copy you would consider copying and shipping if I cover your cost !! Please e-mail me direct !!
Thanks a bunch:

72 Jerry N0JRN
FP # 546, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. <http://home.mchsi.com/~n0jrn/>
MP + # 8, K 1 # 608, SW 20 +, TT 1340 , RM 20 &
40, Tiny Tornado 20, 30, 40, 80, SMK - 1
and so on and so on

Date: Mon, 19 May 2003 00:32:30 -0500
From: Monty N5ESE <n5ese@io.com>
To: AQR@yahoogroups.com, qrp-l@Lehigh.edu, kd1jv@moose.ncia.net
Subject: [150907] AT Sprint: 1st Day in the Field (and Mods)
Message-ID: <5.2.0.9.1.20030519001650.00a3c1c0@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang:

For those building the AT Sprint who wish to preclude the possibility of an unhappy and unexpected failure (at the worst possible time - you know Murphy), visit my site for two recommended mods:

<http://www.dit-dididit-dit.com/atsprint.htm>

That business done, read on down the same page for measured performance and a short description of my first day operating in the field with the AT Sprint.

The small size (Altoids), razor-sharp selectivity, 3-band mobility, and lean use of battery power makes this rig a prime candidate for Field Day 2003.

Let me put it succinctly, if I may:

3 bands, full coverage digital tuning, hot superhet receiver, and 5 watts CW to the antenna.

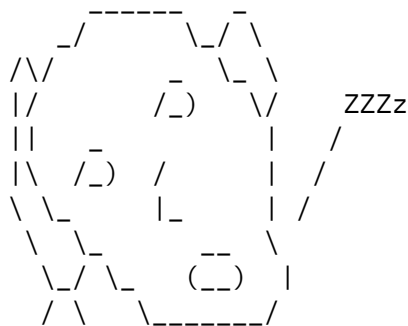
Look out guys and gals, we are S-M-O-K-I-N !!!

Kudos to the designer, KD1JV... great job, Steve! What's next up your sleeve?

72,
monty N5ESE

'Not all Texans are crazy ... some are just plain LOCO ...'
(and you know the one I'm talking about ;-)

Monty Northrup, N5ESE (ex-N5FC)
Austin, Texas
e-mail: n5ese@io.com
web page (ham): <http://www.dit-dididit-dit.com>
web page (home): <http://www.io.com/~maddog>



Date: Mon, 19 May 2003 00:47:10 -0500
From: mjfitz@uswest.net
To: qrp-1@Lehigh.EDU
Subject: [150908] Encounter With A #955 Acorn Tube Transmitter
Message-ID: <3EC86FDE.7AD89D2E@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

About a year, maybe 18 mos. or so ago late one evening I was listening somewhere around 7.040 while working on something in the shack and a little signal comes on the band calling CQ...obviously a qrp signal to me, but it sounded very good...nice tone, clean and stable. What got my attention at once was that it sounded like the guy was running a tube transmitter, since I could hear him tuning it up initially. The guy signs /qrp and it is W8ZNX, from Royal Oak, MI as I later found out from the QSL. I usually try to answer qrp signals if they have no immediate takers...just as a matter of QRP eithics...you understand. Think I fired up my homebrew SST and we had a little conversation and I asked him about his rig...

He was running a single 955 acorn tube at a half watt and since it sounded so fine I asked about it. He sent me a copy of the construction article from March 1990 "CQ" magazine written by Dave Ingram, W4TWJ. It is a very simple circuit (called the Li'l Buddy transmitter) and can actually be powered by twenty (yes...20) 9 volt batteries and a six-volt lantern for the heater , or you could make a simple HV power supply for it using a line isolation transformer (Mouser) or even a couple of back-to-back RS filament transformers. It runs on 90 to 150 volts or so. Mac, W8ZNX, was running a HB supply. There are very few parts(the varicap, two fixed caps, a choke, a resistor, crystal, tank coil) and the thing will run on a little HC49 crystal without blowing it. For a little more power the article sez you can parallel two acorns for a whole 1 W out... The output tank is just a 100pF vari-cap of some kind and a bell wire coil on a plastic film can. The article also gives coil data for 80 and 30 meters.

The tubes are available from Antique Electronics for about five or six bucks, and there is also a 7-pin mini version of the tube if you would rather go that way...think that is a 9002, also available from Antique E... Anyway, I got some of these tubes and just never got to it yet...looks

like you really don't need an acorn tube socket to me...you could simply wire it up directly/ugly style or make a hole in a PCB for the tube to fit in and glue on some pads to solder the pins to...the sockets are as much or more than the acorn tube but they are available at some surplus places I think...just don't know where at the moment.

Here is a little acorn tube info I found:

<http://www.antiquewireless.org/otb/acorn tube.htm>

If anybody seriously wants a copy of the article... let me know and I will send you a copy of the two pages on the Li'l Buddy(dah...hope I don't get 500 requests). There is no HV power supply schematic shown, but if you get out a copy of "QPR Power" and turn to the tube regen project contained therein... it will show you a very suitable one...using the back-to-back RS transformers...and if you ask real nice I might even copy that for you...just be careful if you are not familiar with running a little voltage...they say it can stop your heart if the current passes thru your chest, and the transmitter IS keying the -HV...so a little caution is certainly necessary...not a project for unsupervised kids nor fools...

Mike NOMF

Date: Mon, 19 May 2003 11:48:08 GMT
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [150909] Bad Dayton vs good Dayton
Message-ID: <20030519.044859.20858.53449@webmail03.lax.unttd.com>
Content-Type: text/plain

Last night, after I finished rehabilitating a D-104 mic with a dead element that I got out in the fleas, I had a Q with a guy runnin HF ssb mobile down around Knoxville, TN. We were commiserating about the rain all day Saturday and most of the morning Sunday and he said: "Well, a bad day at Dayton is still better than a great day at work."

I had to agree.

But I still spent most of my time Saturday out in the fleas, looking for the four-pin Molex connector I needed to make a longer hose for my recently-acquired AH-4 auto tuner. That and heat shrink toothing and some RG-8x & some other stuff. Didn't find nawthin but the power cables & other suches and them was inside.

So after I left the arena place Saturday, and on my way home, I stopped at Roger's and got 100 ft of RG-8x and same-same of some four-conductor shielded, the heat shrink and a couple other doodads. The antenna tuner control connector I found at a local RadioShack.com.

At which point you're supposed to ask me if I shouldn't have gone there first instead of standing out in the rain with the other morons. To which I would answer "Yeah, but getting' rained on some was still better 'n a great day at work, see?"

Sunday I found the D-104 (right down the row from the guy with two Browning Eagles (bonk-weedle-dee-weedle-dee-dee) and waxed a bit nostalgic with a guy who had some radios that I could have had myself if I'd gotten into ham radio when my cousin did, about 20 years before I did. But that's . . . ok.

And I ordered an Arrow Antennas 6m beam. For which I do not have a tower, means of holding it aloft or any way of turnin' it toward Cuba the next time there's tropo of any reasonable strength. And I stood out in the rain for that too!

Hope the rest of you had a bad day at Dayton. 'Cause it was way better 'n a great day at work.

73

Nils

usual self-aggrandising sig lines withheld . . .

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Date: Mon, 19 May 2003 07:53:25 -0400

From: "John Huffman" <hjohnc@core.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [150910] Flight of the Bumblebees - 2003

Message-ID: <008b01c31dfd\$41e95d10\$05ad59cf@jhuffman1t>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Adventure Radio Society
Flight of the Bumblebees
July 27, 2003

The contest announcement is listed below. We're starting to assign Bee numbers.

DATE -
July 27, 2003.

TIME -
This is a four hour event. It runs from 10:00 PDT/11:00 MDT/12:00 CDT/1:00 EDT to 2:00 PDT/3:00 MDT/4:00 CDT/5:00 EDT. That's 1700 to 2100 UTC.

CATEGORIES -
Both home-based and portable operations are encouraged.

BE A BEE -
Participants who want to operate as Bumblebees are assigned a Bee number. You may receive a Bee number at any time up to two days before the contest. For a number just reply to this message with your call or send an email to hjohnc@core.com

Bumblebees agree to walk, bike or boat to their sites. The distance traveled to the site is at the Bumblebee's discretion.

Bumblebees add "/BB" to their calls.

There is no limit on the number of Bumblebees.

EXCHANGE -
If you are a Bumblebee, your exchange is RST, state/province/country, and your Bumblebee number. If you are homebased, your exchange is RST, state/province/country, and your power.

POWER -
Maximum power is five watts.

BANDS -
We operate CW on 40, 20, 15 and 10 meters, on the standard QRP frequencies.

SCORING -
Each contact will receive one point. The same station can be worked on different bands for additional QSO points and multipliers.

Contacts with Bumblebees generate a 3X multiplier. So your score equals QSO points times the number of Bumblebees, times three.

Here is an example. If you make 20 contacts on 40 meters and 30 contacts on 20 meters, and make a total of 25 Bumblebee contacts on both bands, your score is (50) X (25) X (3), or 3750.

AWARDS -

Commendations are awarded to the high scores for the homebased and Bumblebee participants. We will also commend Bumblebees in the following categories:
Most interesting equipment,
Most outrageous venture, and
Most beautiful site.

POSTING SCORES -

Scores are reported using our automated contest reporting system, which is found at http://www.natworld.com/ars/bb_log.html
The deadline for scores is August 10, 2003.

RESULTS -

Results are posted in mid August in The ARS Sojourner, the QRP-L Internet Group, and by direct email to ARS members.

SOAPBOX -

You are encouraged to submit stories and photographs of your Bumblebee adventure for publication in The ARS Sojourner.

GROUPS -

Group operation is welcome in the Flight of the Bumblebees. You are limited to operating a single transmitter at a time.

CONTACT -

John Huffman, NA8M, is the Contest Manager and can be reached at hjohnc@core.com

Date: Mon, 19 May 2003 07:03:27 -0400
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-l@Lehigh.EDU>
Subject: [150911] Building Computer QRP Style
Message-ID: <84915FCD-89E9-11D7-A4F4-00306543B616@cox.net>
Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Finally broke down this weekend and started collecting parts for my next Win2k box.

Fry's Electronics

2GHz (equiv, actual 1667MHz) CPU + Motherboard = \$70

Maxtor 80 Gb 7200 rpm 8Mb buffer = \$50 (after rebate)

ATX case w/300w PS = \$5 (after rebate)

Staples

256Mb DDR PC2100 \$15 (after rebate)

Now I only need a 4x AGP graphics card, suggestions?

--

See my web page: <http://www.k7on.com>

Date: Mon, 19 May 2003 12:31:39 +0000

From: n1ix@att.net

To: qrp-1@lehigh.edu (qrp-1)

Subject: [150912] IF or Audio DSP filter

Message-ID: <200305191231.h4JCviu3004693@rain.CC.Lehigh.EDU>

I just bought an IC-703 and I guess that I should have read the fine print.

It only will take one IF filter. So you can't have a CW and SSB filter at the same time.

I was thinking of just using a variable DSP filter on the audio output, maybe a twmewave 59+. Is anyone else doing this?

Dave N1IX

Date: Mon, 19 May 2003 08:32:51 -0400

From: Bruce Muscolino <w6toy@erols.com>

To: wb8zcc@one.net

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [150913] Re: QST article on "killer DX Antenna"

Message-ID: <3EC8CEF3.A0595D95@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Russ,

There are any number of antenna dwigns out there that MAY do what he

wants. The point is can he DUPLICATE the author's conditions. Is his ground plane the same, will he use the same tuner, etc. That's what I was trying to sat in my recent QST article. Every antenna is a compromise. You pick out a starting design and then customize it to work for you!

73

Date: Mon, 19 May 2003 08:36:36 -0400
From: Kfivebgb@aol.com
To: qrp-l@lehigh.edu
Subject: [150914] FYBO 2003
Message-ID: <60B22C10.2BFA8CBA.007818E0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Just wanted to thank Bob Hightower and the AZ ScQRPions publicly for the special pin you sent me for participating in this year's FYBO. Maybe the temperatures in SE TX won't be like mid-summer next year!

72,

Rod
K5BGB

Date: Mon, 19 May 2003 07:42:59 -0500
From: <stanw@toxSOR.com>
To: <qrp-l@lehigh.edu>
Subject: [150915] Warblers - Are they getting dusty ?
Message-ID: <000501c31e04\$316aef60\$0364010a@toxSOR.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have not heard one on 80 meters in quite some time and have notice that posts on the list about using them has just disappeared. I know summer is coming and the noise has increased on 80, but I still expected to find one once in a while.

I have one almost modified for 30 meters, but again have not seen anything on any of the lists about there use there either.

If you have not tried one, you are missing a lot of fun. They are amazing and really do a great job for a little 1 watt unit.

de stan ak0b

Date: Mon, 19 May 2003 08:47:53 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [150916] Re: help for lurker, not really off topic
Message-ID: <5.1.1.6.1.20030519083816.00a5bec0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>My question is how do I improve my sending with a keyer and paddle? I
>know I should get on the air more and that would help but the poor guys
>trying to copy my sending will go nuts!
>Would a good set of paddles help? If so I think I can swing for a good
>set.
>OR should I set the K2 for straight key and pull out the old Western
>Union telegraph key and forget about a keyer?

Oscar,

If you like using the straight key, go ahead with that. This is a hobby, after all, and you should enjoy what you're doing.

If you want to learn to use the paddles because that's what YOU want to do (not because everybody else does it), I've got a practice program that receives code, decodes it to text, and displays timing statistics (min, max, and average duration of dits, dahs, and spaces). That could give you some clues about problem lareas like inconsistent timing. (Although with a keyer the dits and dahs should be okay.)

<<http://home.att.net/~wd8civ/files/morserx.zip>>

Another suggestion I've heard for musicians is to record yourself "performing" (sending in your case) and play it back later. You can listen with a more critical ear, and recognize problem areas to concentrate on.

Like they say in AA and other 12-step programs, admitting you have a problem is the first step. On the other hand, don't blow the problem out of proportion. Your fellow hams can copy a lot better than you may believe, and on-the-air practice really is the best idea. If nothing else, it's a topic for a ragchew. After all, the best CW ops are on the air already.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 19 May 2003 08:47:25 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: wkhibbert@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [150917] Re: Source for Tiny Tubes
Message-ID: <3EC8D25D.5AE9520A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Keith,

Either QST or CQ ran an article about building your own transceiver for 6 meters around 1856 or 7. The radio club that I belonged to built a bunch of them. You are right, I've seen lots of them at flea markets. Another place people should try are the surplus tube dealers that show up at flea markets.

73

Date: Mon, 19 May 2003 09:04:32 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: k5ubs@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [150918] Re: help for lurker, not really off topic
Message-ID: <3EC8D660.676867A7@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oscar,

What you don't need is to practice on the air. Get a good straight key for now and use it on the air. Forget about 20 wpm for the moment. Just get on the air and gain some experience.

Then buy a decent set of paddles, there are lots of them out there. Try Bencher, They are a good reasonably priced paddle. But buy a respected set of commercial paddles. Stay away from home built stuff.

Connect your keyer to the paddles and to an oscillator you can hear. Stay off the air until you can control them. practice 39 to 45 minutes each day until you have mastered the paddle/keyer combination. Then go on the air.

73

Date: Mon, 19 May 2003 09:04:49 -0400
From: "AI2Q" <ai2q@adelphia.net>
To: <W1JD@drix.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [150919] RE: Broadband over power lines
Message-ID: <000001c31e07\$3c03eb40\$7e01a8c0@CHIPCENTERSF>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Moreover, broadband usage has slowed noticeably over the past six months. Growth in the industry is still there, but at a much slower rate than ever before.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of JD Delancy
Sent: Sunday, May 18, 2003 5:47 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Broadband over power lines

Isn't supplying broadband access to anyone and everyone getting a bit out of hand?

The telephone companies offer it, the cable TV companies offer it, and now the power utilities want to do it. Maybe it's time to pull back the reins the proliferation of broadband providers.

My .02 pfennings

jd

Wayne Rogers wrote:

> I'm sure everyone has posted their comments to the FCC on this subject of
> never ending HF QRN. If not
> take a look at the links below and if nothing else tell the FCC "for it"
> or "against it."
>
> Reference: <http://www.arrl.org/w1aw/> 'ARLB031'.
>
> GO TO:
> <http://gullfoss2.fcc.gov/ecfs/Upload/>
>
> Wayne_W5KDJ
> ex: SV0WWW_TF2WJN
> ARS_1392 ARCI_11325 FISTS_10060 SOC_538

Date: Mon, 19 May 2003 09:12:30 -0400
From: "sslyon" <sslyon@megalink.net>
To: <k5ubs@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [150920] help for lurker: CW-Paddle help
Message-ID: <001301c31e08\$4da47120\$0ac8e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

GreetingsOscar. I don't claim to be an expert, but I was a Navy radioman in the '50's and had thought I lost my skills as well, but found that having a well-adjusted paddle (close and not too loose) was the *key* to success. (oh noooo!) After that it's all practice, practice. You may already be aware, but the Farnsworth method (hi-speed characters, slo-speed spacing) is by far the most effective means to develop and maintain both sending and receiving proficiency. Just jump in on as many of our Sprints and Contests as you can and you'll be back in full swing (arghhh) in no time.

73

aa1my

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "oscar a hoyt" <k5ubs@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, May 18, 2003 8:26 PM

Subject: help for lurker, not really off topic

> Hello my name is Oscar and I'm a poor CW operator.
> Kind of a take off on an AA meeting. (I'm not a member just saw it on TV)
>
> I just had a qso with WD5ILB in Azel, Tx, he was calling CQ at a speed I
> thought I could handle. He did very well but my sending with a home made
> paddle (simular to the hand held type, the TE NE KE that KK5PY makes)....
> well my sending on the air really STINKS... In the Navy (aviation) I
> worked as a radioman and passed a squadron code school at 20WPM sending
> and recieving. But that was with a straight key, bugs were not even
> allowed.. I've been told I had a good fist with a straight key, but not
> real fast with it.
>
> My question is how do I improve my sending with a keyer and paddle? I
> know I should get on the air more and that would help but the poor guys
> trying to copy my sending will go nuts!
> Would a good set of paddles help? If so I think I can swing for a good
> set.
> OR should I set the K2 for straight key and pull out the old Western
> Union telegraph key and forget about a keyer?
>
> Does anyone else have this trouble? I like CW and qrp and have not used
> SSB in a long time and I don't want to give up CW. Oh yes I'm an Extra
> class and took the code test at the FCC office but didnt have to send,
> just rec 20.
>
> Any suggestions appreciated. Too many qrp rigs to just set idle...
> Oscar K5UBS NETX QRP and NORTEX QRP
>
> -----
> The best thing to hit the internet in years - Juno SpeedBand!
> Surf the web up to FIVE TIMES FASTER!
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Date: Mon, 19 May 2003 14:07:36 +0100
From: "M. J. Powell" <mike@pickmere.demon.co.uk>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [150921] Re: Tiny tubes
Message-ID: <wZ9b9QBYcNy+EwGq@pickmere.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

In message <3EC83E59.B2FB5043@erols.com>, Bruce Muscolino
<w6toy@erols.com> writes
>Karl,
>
>You were extremely lucky. I started in 1958, and my school only taught
>tubes.

Me too! I didn't see a transistor until about 1963.

> In fact we had the father of load line analysis, Dr. Albert
>Preisman, on our faculty!

Those were the days...

Mike

G3IJE

--

M.J.Powell

Date: Mon, 19 May 2003 14:04:47 +0100
From: "M. J. Powell" <mike@pickmere.demon.co.uk>
To: dale@botkin.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [150922] Re: Mail Call & tiny tubes
Message-ID: <spwch3AvZNY+EwmX@pickmere.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

In message <Pine.LNX.4.33.0305182219001.14853-100000@madmax.botkin.org>,
Dale Botkin <dale@botkin.org> writes
>On Sun, 18 May 2003, Brad Thompson wrote:

>
>> Actually, subminiature tubes (about the diameter of a wooden pencil
>> and approximately an inch long) were used in a wide variety of
>> applications from the mid-1940s through the 1960s.
>
>I also saw them as late as the late 70's in meteorological radiosondes
>used at Ft. Sill, where the Army trained the met folks. Thought they were
>pretty cool, wish I'd been able to keep a couple. They were sent up by
>balloon and fell back to the ground with a tag requesting they be returned
>for re-use.

Did you ever get any back?

Mike
--
M.J.Powell

Date: Mon, 19 May 2003 09:16:57 -0400
From: "John P. Cummins, Sr." <jpcummins@charter.net>
To: qrp-1@lehigh.edu
Subject: [150923] FDIM Pix
Message-ID: <3EC8D949.3010707@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

If any one that was at FDIM has any pictures of NoGaNaughts (from the North Georgia QRP Club) in action (or Hamvention pix that are interesting).. I am going to put together a web album for the NoGa web site.

Send 'em to me..!

es tn timer

72

Pickett, AD4S

Date: Mon, 19 May 2003 08:35:26 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [150924] Re: Mail Call & tiny tubes
Message-ID: <Pine.LNX.4.33.0305190833590.16040-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 19 May 2003, M. J. Powell wrote:

> In message <Pine.LNX.4.33.0305182219001.14853-1000000@madmax.botkin.org>,
> Dale Botkin <dale@botkin.org> writes
> >I also saw them as late as the late 70's in meteorological radiosondes
> >used at Ft. Sill, where the Army trained the met folks. Thought they were
> >pretty cool, wish I'd been able to keep a couple. They were sent up by
> >balloon and fell back to the ground with a tag requesting they be returned
> >for re-use.
>
> Did you ever get any back?

I wasn't involved in that part (I worked in the target acquisition department at the artillery school), but from what I understand they did get quite a few back.

Dale

--

It's a thankless job, but I've got a lot of Karma to burn off.

Date: Mon, 19 May 2003 09:36:59 -0400 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@gwi.net>
To: <stanw@toxosor.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150925] Re: Warblers - Are they getting dusty ?
Message-ID: <3EC8DDFB.000001.00848@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

=0D

=0D

-----Original Message-----=0D

=0D

From: stanw@toxosor.com=0D

Date: Monday, May 19, 2003 09:23:08=0D

To: Low Power Amateur Radio Discussion=0D

Subject: Warblers - Are they getting dusty ?=0D

=0D

I have not heard one on 80 meters in quite some time and have notice that=
=0D
posts on the list about using them has just disappeared. I know summer is=
=0D
coming and the noise has increased on 80, but I still expected to find on=
e=0D
once in a while.=0D
=0D
=0D
I have one almost modified for 30 meters, but again have not seen anythin=
g=0D
on any of the lists about there use there either.=0D
=0D
=0D
If you have not tried one, you are missing a lot of fun. They are amazing=
=0D
and really do a great job for a little 1 watt unit.=0D
=0D
=0D
de stan ak0b=0D
=0D
Hi Stan, =0D
=0D
I Don't have my warbler anymore but I've called and called on 30m without
any takers at all , which is very strange can't seem to move them off
20meters where i still work a warbler PSK20 every once n awhile... Would
meet you on 30m some evening when you get up an running.. it would be an
excellent psk band. =0D
73 Dave kc1 di =0D
=0D
=0D
=0D
=0D
=0D
=2E=20

Date: Mon, 19 May 2003 07:43:22 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <elecraft@mailman.qth.net>, "qrp-1" <qrp-1@Lehigh.EDU>,
"cqcl-1" <CQCLIST@yahooogroups.com>,
Subject: [150926] QST Hamcon Attendees, WAS:[Elecraft] Booth help needed for
HamCon 2003 in Estes Park
Message-ID: <02b801c31e0c\$9e415b30\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I am facilitating/coordinating the Elecraft booth at Hamcon.

Can you help? Hope so. It's a great way to spread the word about Elecraft; show off your handy work; and receive a nice thank you gift from Elecraft (a shirt, see Eric's message below).

Here is the exhibitor schedule:

FRI May 30, 1p - 6p
SAT May 31, 9a - 6p
SUN Jun 01, 9a - 11:45a

Please drop me an email with Your name, callsign, and some different 2-4 hour time slots that you can help with. I'll then come up with a schedule so that we can always have enough people in the booth--If you have ever seen the Elecraft booth at show like Hamcon, you know we'll need plenty of people. :-) There is always a crowd of folks who want to learn more about Elecraft radios, and the people who built them.

This will be a fun time, hope to hear from you soon....

73, Rod N0RC

----- Original Message -----

From: "Eric Swartz WA6HHQ - Elecraft" <eric@elecraft.com>

To: <elecraft@mailman.qth.net>

Sent: Monday, April 21, 2003 4:38 PM

Subject: [Elecraft] Booth help needed for HamCon 2003 in Estes Park CO
May 30 - June 1

> The HamCon 2003 hamfest (ARRL Rocky Mtn. Div. Convention) is
> coming up soon in Estes Park CO May 30 - June 1, 2003. Both
> Wayne and I will be busy that weekend but we would like to
> sponsor an Elecraft booth.
>
> We are looking for a few Elecraft enthusiasts to organize and
> work at the booth showing off their K1's and K2's. Here's your
> chance at fame and notoriety! Plus its a great way to meet other
> enthusiastic Elecraft builders and prospective builders. We
> provide all the needed flyers and Elecraft banners. Plus you
> will get a nifty Elecraft shirt with your call embroidered on
> it. Ask those who have participated before, its a blast :^)

>
> If you are interested, please contact Lisa at lisa@elecraft.com .
>
> The Hamcon web site is: <http://www.hamconcolorado.org/>
>
> 73, Eric WA6HHQ
> -----

Date: Mon, 19 May 2003 06:53:40 -0700
From: "r" <rong5@mindspring.com>
To: <stanw@toxso.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [150927] Re: Warblers - Are they getting dusty ?
Message-ID: <001301c31e0e\$0ef68c00\$ac0256d1@ron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just ordered an 80M PSK31 Warbler Kit. If you wait a bit, I will be there. Kind of discouraging to hear that PSK31 is slow on 80, but I will build it and maybe they will come.

KB6GK

----- Original Message -----

From: <stanw@toxso.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, May 19, 2003 5:42 AM
Subject: Warblers - Are they getting dusty ?

> I have not heard one on 80 meters in quite some time and have notice that
> posts on the list about using them has just disappeared. I know summer is
> coming and the noise has increased on 80, but I still expected to find one
> once in a while.

>

>

> I have one almost modified for 30 meters, but again have not seen anything
> on any of the lists about there use there either.

>

>

> If you have not tried one, you are missing a lot of fun. They are
amazing

> and really do a great job for a little 1 watt unit.

>
>
> de stan ak0b
>
>
>
>

Date: Mon, 19 May 2003 10:07:52 -0400
From: "sslyon" <sslyon@megalink.net>
To: <n5ese@io.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [150928] Re: AT Sprint: 1st Day in the Field (and Mods)
Message-ID: <002501c31e10\$09c63300\$0ac8e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Great report Monty! and I fully endorse your enthusiasm. I've been running mine more than a month now and since the original rash of smoke, I have been smoking the bands -and even won the April Spartan Sprint. The DX log never looked so good, and I must say that given a good antenna situation, the only excuse for no DX is "operator error"!

One additional thing we might examine is an apparent sensitivity to audio load matching. There is a very big difference between distortion and volume results depending on what the output is looking at. My Radio Shack "PRO-35" phones work great, while several others, with/without line vol. controls sound really nasty, esp. outside of the narrow 6db rolloff.

I finished the honey-do list late Sat. PM and hiked (~45min) to the peak of our hill and threw up an Eighty-Eight at about 50', by around 7:30PM. Unfortunately, black fly season has erupted, and ol' doggus and I got eaten alive in the process. I hooked up the ZM-2, tuned up on 30m and the band was crazy with DX... more DX than domestic sigs. I had just enuff sanity left to work an HN4 to validate the mission (2x 5/8/9) and we had to get out of there! (no chemical or net protection) Got back after dark and really bloody, but VERY satisfied with the field performance.

So... I'll be using this rig for June Spartan Sprint and Bumble Bees, and needless to say, I'll be adequately Black Fly protected!

73
aa1my

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "Monty N5ESE" <n5ese@io.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, May 19, 2003 1:32 AM
Subject: AT Sprint: 1st Day in the Field (and Mods)

> Gang:

>

> For those building the AT Sprint who wish to preclude the possibility of an
> unhappy and unexpected failure (at the worst possible time - you know

Date: Mon, 19 May 2003 10:15:11 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [150929] Re: Mail Call & tiny tubes
Message-ID: <5.1.1.6.1.20030519101320.00a54b60@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:35 AM 5/19/2003 -0500, you wrote:

>On Mon, 19 May 2003, M. J. Powell wrote:

>

> > In message <Pine.LNX.4.33.0305182219001.14853-1000000@madmax.botkin.org>,

> > Dale Botkin <dale@botkin.org> writes

> > >I also saw them as late as the late 70's in meteorological radiosondes

> > >used at Ft. Sill, where the Army trained the met folks. Thought they were

> > >pretty cool, wish I'd been able to keep a couple. They were sent up by

> > >balloon and fell back to the ground with a tag requesting they be returned

> > >for re-use.

> >

> > Did you ever get any back?

>

>I wasn't involved in that part (I worked in the target acquisition

>department at the artillery school), but from what I understand they did

>get quite a few back.

Dale,

Maybe my selective memory is kicking in, but wasn't there a reward offered for a returned unit? I seem to remember someone telling me they got \$5 for returning one.

I seem to remember at the time saying I'd have kept the thing for parts.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 19 May 2003 10:22:53 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150930] RE: ARRL Poll
Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F2F8D@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Well, the question was one I had submitted to Steve Ford for =
consideration as a poll question. :-)

73,=20
Ed Hare, W1RFI

> -----Original Message-----
> From: Mike Yetsko [mailto:myetsko@insydesw.com]
> Sent: Saturday, May 17, 2003 3:29 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: ARRL Poll
>=20
>=20
> > Some possible
> > explanations: we've stacked the deck, as Ed Hare=20
> suggested; QRPers like
> > to answer polls more than the average ham; or QRPers are a=20
> huge part of
> > the amateur hobby.
>=20
> Not at all
>=20

> The question was skewed to get a 'QRP Friendly' result.
>=20
> Mike
>=20
>=20

Date: Mon, 19 May 2003 10:21:51 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150931] RE: ARRL Poll
Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F2F8C@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The "polls" are not intended to be scientific, but for entertainment =
purposes only.=20

See <http://www.arrl.org/survey.php3?pollnr=3D17>.

73,=20
Ed Hare, W1RFI

> -----Original Message-----
> From: Jim Eshleman [mailto:jce0@Lehigh.EDU]
> Sent: Saturday, May 17, 2003 4:51 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: ARRL Poll
>=20
>=20
> > Perhaps the question should be asked in multiple formats...
>=20
> That would be nice, or at the very least I like the=20
> question worded=20
> thusly:
>=20
> "For casual operating (non-emergency, non-public service) what is the=20
> most power you currently use and are likely to use in the future?"
>=20
> I'm guessing QRP and near-QRP would still fare well.
>=20
> 73
> Jim N3VXI
>=20

>=20

Date: Mon, 19 May 2003 10:24:45 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150932] Better start saving
Message-ID: <3EC8E92D.3524AF61@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Slick:

http://www.icom.co.jp/world/info/ic-7800/IC-7800_pre-release.pdf

73,
--Alex KR1ST

Date: Mon, 19 May 2003 10:28:12 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <fpqrp-l@fpqrp.com>, <qrp-l@Lehigh.EDU>
Subject: [150933] FS: Experimental Methods in RF Design
Message-ID: <011301c31e12\$e123f2e0\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just picked up this book this past weekend at Dayton HamFest.

First \$35 gets it shipped to your door. Book is NEW.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

Date: Mon, 19 May 2003 10:41:25 -0400
From: Alex <kr1st@amsat.org>
To: n1ix@att.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150934] Re: IF or Audio DSP filter
Message-ID: <3EC8ED15.9632530@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi Dave,

The IC-703 looks like a really nice rig. Would you mind sharing your experiences with this rig when you had some time to play with it?

I have the same problem with my IC-718 regarding the filters. I haven't really looked into it yet, but I know they sell a dual mechanical filter for the FT-817, so I guess it somehow should be possible to add two filters that switch depending on mode.

73,
--Alex KR1ST

n1ix@att.net wrote:

>
> I just bought an IC-703 and I guess that I should have read the fine print.
> It only will take one IF filter. So you can't have a CW and SSB filter at the
> same time.
> I was thinking of just using a variable DSP filter on the audio output, maybe a
> twmewave 59+. Is anyone else doing this?
>
> Dave N1IX

Date: Mon, 19 May 2003 10:46:57 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150935] They do listen :) [Fwd: Icom QRP rig ad in QST]
Message-ID: <3EC8EE61.D5FAD4C8@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Alex wrote on 04/18/2003:

>
> So Icom doesn't include VHF/UHF in their 703 claiming that HF or HF+6
> means most to QRP operators. I'm sure that's true, but it gets really
> scary when they say "A VHF/UHF rig is called a HT!" ;)

Now compare the add in the May issue of QST and the one in the June

issue of QST.

73,

--Alex KR1ST

Date: Mon, 19 May 2003 11:08:09 -0400
From: "Lee Mairs" <lmairs@direcway.com>
To: <stanw@toxsor.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150936] Re: Warblers - Are they getting dusty ?
Message-ID: <02cf01c31e18\$aaafa61d0\$3b6d020a@boomer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll try and remember to set mine up today, and try a few calls tonight.
73 de Lee
km4yy/8

----- Original Message -----

From: <stanw@toxsor.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, May 19, 2003 8:42 AM
Subject: Warblers - Are they getting dusty ?

> I have not heard one on 80 meters in quite some time and have notice that
> posts on the list about using them has just disappeared. I know summer is
> coming and the noise has increased on 80, but I still expected to find one
> once in a while.

>

>

> I have one almost modified for 30 meters, but again have not seen anything
> on any of the lists about there use there either.

>

>

> If you have not tried one, you are missing a lot of fun. They are
amazing

> and really do a great job for a little 1 watt unit.

>

>

> de stan ak0b

>

>

>

>

Date: Mon, 19 May 2003 11:18:16 -0400
From: "Russ Hines" <wb8zcc@one.net>
To: <jbcraft@adelphia.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150937] Re: Broadband over power lines
Message-ID: <004e01c31e19\$df659ce0\$4307c00a@WB8ZCC2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That's a good question, Bob.

Personally I think we'd be better off with satellite delivery. Wouldn't require a lot of power for uplink, similar to satellite phones. K band should work fine. Works for the military, should be fine for the rest of us.

73,
Russ Hines
WB8ZCC

----- Original Message -----
From: "Bob & Janet" <jbcraft@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, May 19, 2003 12:23 AM
Subject: RE: Broadband over power lines

> Nice idea if you live in a civilized area...
> I live in Liberty Township Ohio. I live 26 miles north of Cincinnati, 30
> miles south of Dayton... I can see I-75 from my window and if I look
> thru the spotting scope, I can see the AT&T fiber optic run -- the main
> backbone -- that runs north and south -- BUTTTTTT...
>
> I have Adelphia as a cable provider, I have Cincinnati Bell as my LEC.
> BOTH are not doing so hot in the market these days. Adelphia has been in
> the news as the founders have been seen doing the "perp walk" into
> federal custody. This area has grown so fast, and CBT was too slow to
> react, that we are SLIK'ed to the max here. NO xDSL for me! The cable
> only recently went digital. I waited nearly two years for broadband...
> As limited as it is!.

> There are not many civilized areas in the USA that is not on the grid,
> but there are many areas that do not have digital cable or xDSL.
> I would LOVE to see broadband over power lines, but ONLY IF it does not
> interfere with HF (oh, I live near WLW and perhaps you heard about the
> problems with WLW and especially the Cincinnati Gas & Electric - aka
> Cinergy). I am glad that VOA is closed.
>
> Given Cinergy's recent history with QRM, I can only pray that they are
> never allowed to go on line, but what are the alternatives?
>
> Bob K8YS
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
> Of JD Delancy
> Sent: Sunday, May 18, 2003 5:47 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Broadband over power lines
>
>
> Isn't supplying broadband access to anyone and everyone getting a bit
> out of hand? The telephone companies offer it, the cable TV companies
> offer it, and now the power utilities want to do it. Maybe it's time to
> pull back the reins the proliferation of broadband providers.
>
> My .02 pfennings
>
> jd
>
> Wayne Rogers wrote:
>
> > I'm sure everyone has posted their comments to the FCC on this subject
>
> > of never ending HF QRN. If not take a look at the links below and if
> > nothing else tell the FCC "for it" or "against it."
> >
> > Reference: <http://www.arrl.org/w1aw/> 'ARLB031'.
> >
> > GO TO:
> > <http://gullfoss2.fcc.gov/ecfs/Upload/>
> >
> > Wayne_W5KDJ
> > ex: SV0WWW_TF2WJN
> > ARS_1392 ARCI_11325 FISTS_10060 SOC_538
>
>

Date: Mon, 19 May 2003 10:18:36 -0500
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150938] RE: IF or Audio DSP filter
Message-ID: <90B09553A615CE4192A646D8CFA67DA8428EC6@TX-MSG05-CCC.wireless.attws.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable
content-class: urn:content-classes:message

Hi Alex,

The FT-817 only allows one filter in the spare position - the W4RT board actually works by removing the existing Murata ceramic filter out of the rig and replacing that filter with a Collins filter for SSB. The CW filter uses the circuitry for the additional filter slot. I've heard good things about the board, and a similar mod is on the www.mods.dk website.

-----Original Message-----

From: Alex [mailto:kr1st@amsat.org]
Sent: Monday, May 19, 2003 10:41 AM
To: Low Power Amateur Radio Discussion
Subject: Re: IF or Audio DSP filter

Hi Dave,

The IC-703 looks like a really nice rig. Would you mind sharing your experiences with this rig when you had some time to play with it?

I have the same problem with my IC-718 regarding the filters. I haven't really looked into it yet, but I know they sell a dual mechanical filter for the FT-817, so I guess it somehow should be possible to add two filters that switch depending on mode.

73,
--Alex KR1ST

n1ix@att.net wrote:

>=20

> I just bought an IC-703 and I guess that I should have read the fine print.

> It only will take one IF filter. So you can't have a CW and SSB filter

at the
> same time.
> I was thinking of just using a variable DSP filter on the audio
output, maybe a
> twmewave 59+. Is anyone else doing this?
>=20
> Dave N1IX

Date: Mon, 19 May 2003 11:19:36 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <w8diz@fpqrp.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150939] Re: Experimental Methods in RF Design
Message-ID: <014c01c31e1a\$0f99da70\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

It's Sold!. TNX

----- Original Message -----
From: "w8diz" <w8diz@fpqrp.com>
Sent: Monday, May 19, 2003 10:28 AM

Just picked up this book this past weekend at Dayton HamFest.
First \$35 gets it shipped to your door. Book is NEW.

Date: Mon, 19 May 2003 08:39:25 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: "oscar a hoyt" <k5ubs@juno.com>, <elecraft@mailman.qth.net>
Cc: <qrp-1@lehigh.edu>
Subject: [150940] RE: [Elecraft] help for lurker, not really off topic
Message-ID: <MABBJOEABOILMKCJCLFCGEDNEGAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Oscar
My suggestion would be to get a good set of paddles for the K2, and
use the internal keyer.

You can either find used paddles at ham swaps, or buy new. I am using the Vibroplex Code Warrior Jr, the commercialized version of the NorCal paddle kit.

Since you have the trained background of a radioman, you know what good code sounds like. You can be your own coach. I recommend sitting down with the K2 in TEST mode (won't transmit this way) and use the sidetone as a code practice oscillator. Practice sending text from a book or magazine, and listen to what you are sending. You will know if it is right or not.

When I transitioned from a bug to paddles, I spent a half hour daily for one week practicing this way, before I went on the air. That way my reflexes had time to adjust to the different tempo of paddles vs. bug. This should work for you also.

There is another benefit to using paddles and the internal K2 keyer. If you should get interested in any kind of contesting, you will be able to use the memory keyer buttons on the K2 to advantage.

Good luck and 73,

Bob N6WG

-----Original Message-----

From: elecraft-admin@mailman.qth.net

[mailto:elecraft-admin@mailman.qth.net]On Behalf Of oscar a hoyt

Sent: Sunday, May 18, 2003 5:26 PM

To: elecraft@mailman.qth.net

Cc: qrp-1@Lehigh.EDU

Subject: [Elecraft] help for lurker, not really off topic

Hello my name is Oscar and I'm a poor CW operator.

Kind of a take off on an AA meeting. (I'm not a member just saw it on TV)

I just had a qso with WD5ILB in Azel, Tx, he was calling CQ at a speed I thought I could handle. He did very well but my sending with a home made paddle (similar to the hand held type, the TE NE KE that KK5PY makes).... well my sending on the air really STINKS... In the Navy (aviation) I worked as a radioman and passed a squadron code school at 20WPM sending and receiving. But that was with a straight key, bugs were not even allowed.. I've been told I had a good fist with a straight key, but not real fast with it.

My question is how do I improve my sending with a keyer and paddle? I know I should get on the air more and that would help but the poor guys trying to copy my sending will go nuts!

Would a good set of paddles help? If so I think I can swing for a good set.

OR should I set the K2 for straight key and pull out the old Western Union telegraph key and forget about a keyer?

Does anyone else have this trouble? I like CW and qrp and have not used SSB in a long time and I don't want to give up CW. Oh yes I'm an Extra class and took the code test at the FCC office but didnt have to send, just rec 20.

Any suggestions appreciated. Too many qrp rigs to just set idle...
Oscar K5UBS NETX QRP and NORTEX QRP

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Elecraft mailing list: Elecraft@mailman.qth.net
You must be a list member to post to the list.
Postings must be plain text (no HTML or attachments).
See: <http://mailman.qth.net/mailman/listinfo/elecraft>
Elecraft Web Page: <http://www.elecraft.com>

Date: Mon, 19 May 2003 10:50:02 -0500
From: Monty N5ESE <n5ese@io.com>
To: "sslyon" <sslyon@megalink.net>, qrp-1@Lehigh.EDU
Subject: [150941] Re: AT Sprint: 1st Day in the Field (and Mods)
Message-ID: <5.1.0.14.0.20030519102951.00a82c30@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey Seab!

Thanks for the feedback. I've only used some stereo earbuds on the AT Sprint. I'll have to try it with different headphone loads, and see if I observe any of the same phenomenon you talked about. I do keep wishing I had a eeentsy bit more audio.

What's an eighty-eight?

I thought my K1 made it easy to go portable, but the AT Sprint just about takes every possible excuse away. My goal is to fit a 3-band ant tuner and SWR meter inside an Altoids box, and make the whole kit-n-kaboodle (AT-Sprint, tuner, batteries, paddle, antenna, counterpoise) fit inside a small digital camera case.

Sounds like quite an excursion. Those black flies are merciless... sometimes the bug-off won't even keep them at bay. Fortunately, we don't have 'em in central Texas.

Subject: [150942] F/S 817 plus
Message-ID: <20030519160518.BAPJ11297.fed1mtao02.cox.net@smtp.west.cox.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have the following for sale,
REPLY DIRECTLY TO ME nf7v@cox.net

Yaesu FT-817 Purchased Aug. 2002
With: standard microphone and manual (can't find box or
adapter)
Antenna (6m, 2m and 70cm)
ED6-C power cable

Yaesu FNB-72 Nicad battery pack
Yaesu NC-72B Nicad Charger
Yaesu MC-36 DTMF Microphone
Yaesu Vinyl case

Pack-It; FT-817 reference manual
MFJ 971 Antenna Tuner- 6/30watt or 30/300watt ranges
Oak Hills Research SCAF filter

Shipping in conus by priority mail

\$720 or trade for 706MKIIG or will haggle

Thanks,
Russ NF7V
nf7v@cox.net

Date: Mon, 19 May 2003 15:04:35 +0100
From: "M. J. Powell" <mike@pickmere.demon.co.uk>
To: dale@botkin.org
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [150943] Re: Mail Call & tiny tubes
Message-ID: <WtXyR+HzR0y+EwQD@pickmere.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

In message <Pine.LNX.4.33.0305190833590.16040-1000000@madmax.botkin.org>,
Dale Botkin <dale@botkin.org> writes
>On Mon, 19 May 2003, M. J. Powell wrote:
>
>> In message <Pine.LNX.4.33.0305182219001.14853-1000000@madmax.botkin.org>,

>> Dale Botkin <dale@botkin.org> writes
>> >I also saw them as late as the late 70's in meteorological radiosondes
>> >used at Ft. Sill, where the Army trained the met folks. Thought they were
>> >pretty cool, wish I'd been able to keep a couple. They were sent up by
>> >balloon and fell back to the ground with a tag requesting they be returned
>> >for re-use.
>>
>> Did you ever get any back?
>
>I wasn't involved in that part (I worked in the target acquisition
>department at the artillery school), but from what I understand they did
>get quite a few back.

Couldn't have been found by radio amateurs then....

Mike

--

M.J.Powell

Date: Mon, 19 May 2003 15:05:35 +0100
From: "M. J. Powell" <mike@pickmere.demon.co.uk>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [150944] Re: Source for Tiny Tubes
Message-ID: <voAMhXIvSOy+Ew3k@pickmere.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

In message <3EC8D25D.5AE9520A@erols.com>, Bruce Muscolino
<w6toy@erols.com> writes
>Keith,
>
>Either QST or CQ ran an article about building your own transceiver for
>6 meters around 1856 or 7. The radio club that I belonged to built a
>bunch of them. You are right, I've seen lots of them at flea markets.
>Another place people should try are the surplus tube dealers that show
>up at flea markets.

A real Victorian Radio, then...

Mike

--

M.J.Powell

Date: Mon, 19 May 2003 12:15:09 -0400
From: "John P. Cummins, Sr." <jpcummins@charter.net>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [150945] Another Great FDIM
Message-ID: <3EC9030D.5000405@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Once again I would like to thank Tom Dooley, K4TJD, who was the chairman of FDIM 2003.

It was another "FFF".. Fun Fill Four Days in May.

This type of activity takes a lot of planning, preparation and execution and this year's event ran very smoothly and as far as I could tell everyone had a grand time.

Thanks again time for volunteering to be this year's FDIM "Spear Catcher"

Pickett, AD4S

Date: Mon, 19 May 2003 12:19:11 -0400
From: "sslyon" <sslyon@megalink.net>
To: <n5ese@io.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [150946] Re: AT Sprint: audio...
Message-ID: <000601c31e22\$62540260\$0ac8e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mine has PLENTY of audio, but seems quite sensitive to what I hose it up to... for instance, my outboard audio amp hates it... two of my three sets of ear buds, my Hi-Z Koss and Telex are useless with it, and using a splitter for two listeners with any of the above will cause oscillation. But my old R/S PRO-25 and new PRO-35's work like a dream. I'm sure His Solderness has something doped out and will dispense the wisdom to the rabble before June Spartan.

The "Eighty-Eight" is the 88' EDZ featured in W4RNL's web site. I can't say enough about this antenna, and the Z-Match or ZM-2 that works so well with it.

Get it up over 45' and you have a CANNON on 40 thru 15m. I feed the one at home here with 270' of HB ladderline and if they're out there... I got 'em.

73

aa1my

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "Monty N5ESE" <n5ese@io.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, May 19, 2003 11:50 AM

Subject: Re: AT Sprint: 1st Day in the Field (and Mods)

> Hey Seab!

I'll have to try it with different headphone loads, and see if I

> observe any of the same phenomenon you talked about. I do keep wishing I had a eeentsy bit more audio.

>

> What's an eighty-eight?

Date: Mon, 19 May 2003 11:25:02 -0500

From: Michael Goins <mgoins@usa.net>

To: <qrp-1@lehigh.edu>

Subject: [150947] warbler conversion question

Message-ID: <677HesqZc7248S08.1053361502@uwdvg008.cms.usa.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

Been thinking about a Warbler for a while, but don't do much at all below=

40

meters. =

Several postings today mentioned a conversion to 30 meters, and that I'd =
like

much better. Anyone remember where I can find the conversion of the Warbl=
er to

30 meters? =

Would sure appreciate the information of anyone has it. Thanks in advance=
=2E

72,
mike
wb5yjx
100% Solar station: SW20+, SW30+, RM-40
Mobile: FT-817 @ 1 watt, CW and SSB
QRP-ARCI 3922 (former managing editor, QRP Quarterly), =

SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810,
Alaska QRP 514, QCWA 30857

Date: Mon, 19 May 2003 10:03:49 -0700
From: "KXBill" <w7kxb@cox.net>
To: <sslyon@megalink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150948] Re: AT Sprint: audio...
Message-ID: <00d101c31e28\$a03d4180\$25ac6d44@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How about an 88 ft CFD put together with much love and a kiss???
back to my hole
KXBill

----- Original Message -----
From: "sslyon" <sslyon@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, May 19, 2003 09:19
Subject: Re: AT Sprint: audio...

The "Eighty-Eight" is the 88' EDZ featured in W4RNL's web site. I can't say enough about this antenna, and the Z-Match or ZM-2 that works so well with it. Get it up over 45' and you have a CANNON on 40 thru 15m. I feed the one at home here with 270' of HB ladderline and if they're out there... I got 'em.

73
aa1my

Seabury & Sharon Lyon

----- Original Message -----

From: "Monty N5ESE" <n5ese@io.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, May 19, 2003 11:50 AM
Subject: Re: AT Sprint: 1st Day in the Field (and Mods)

> Hey Seab!
> What's an eighty-eight?

Date: Mon, 19 May 2003 13:20:34 -0400
From: listmember <listmember@comcast.net>
To: benlightnd13@mchsi.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [150949] Scope manuals
Message-ID: <001701c31e2a\$f51d1750\$2600a8c0@GALAXY>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Just read Jerry Ford's post about an oscilloscope manual. Then I remembered I had two manuals down in the "stock" room.

I have a Tektronix 453A and a 475 manual available for the cost of shipping.

Better they get used than sit down there until my widow tosses them out.
Not to mention that it'll make more room for new junk.

72!
Hap, WA3PTG
Wilmington DE

Date: Mon, 19 May 2003 18:38:47 +0000
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu

Cc: alihermlem@hotmail.com
Subject: [150950] JFETs Cont. [WARNING!: Contains Data]
Message-ID: <Law9-F13PipZ7v71sQI00033392@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

As you may recall, I have a small pile of mystery JFETs in metal TO-72 package bearing various and cryptic markings. Through the assistance of observant and knowledgeable members of this list it is assumed that the manufacture of these parts is(was) Union Carbide. A few parts bear recognizeable markings such as 2N4220 and 2N4221 but the vast majority of this lot do not.

It is a trivial exercise to determine whether an unknown JFET is n-channel or p-channel, which pin is the gate and which attaches to the case but it is not obvious which pin is the source and which is the drain. I began this exercise seeking a way to discern the two leads, hoping to find measurable differences in basic parameters depending upon which lead was assumed to be the source and which the drain.

Since my last posting I cobbled together a jig to speed the measurement of basic parameters. The jig is just a small piece of PC board with pin sockets liberated from a broken up machined IC socket, a jumperable 1M gate resistor, a DPDT switch to swap "source" and "drain" leads (one gets grounded and one goes to the load and/or VDD) and convenient test points and terminals. Then I proceeded to measure selected parameters of 40 parts in no particular order. Data is tabulated below.

VGS(off) was measured with 15V VGD and with the gate grounded and volts measured with DMM across the 1M resistor to the source. The data is tabulated for the assumed pinout sequence DSGC and SDGC.

IDSS was measured using a Weston ammeter between drain and 15V VDD with source and gate grounded. Tabulated data is again reported for the two assumed pinouts.

Vf is the forward voltage drop across the gate and source or drain junction measured by DMM with 1 mA flowing through the junction.

Ron is the channel resistance measured by DMM with the gate connected to the presumed source.

gfs is the forward transconductance measured using an HP logarithmic AC VTVM across a 150 ohm load resistor at 10 kHz with 0.23 V RMS signal in. Tabulated data are the calculated results from the observed output signal.

Observations:

Again, I noted no consistent trend in differences in parameters with the source and drain swapped. Indeed most parts exhibited no differences. There are some interesting correlations, however. The transconductance fairly well correlates to the channel "on" resistance but there was one unusual outlier that had both the highest transconductance and highest channel resistance. Also, the junction forward voltage drop was generally less than 0.8V for most parts but some, perhaps defective parts, had unusually large voltage drops and these generally had poor transconductance.

Brad

P.S. What controls the forward voltage drop in a PN junction?

	FET Markings	VGS(off):		IDSS:		Vf:		Ron:		gfs:	
		DSGC	SDGC	DSGC	SDGC	pin1	pin2	DSGC	SDGC	DSGC	SDGC
		V	V	mA	mA	V	V	ohm	ohm	uS	uS
1	910G42342HC	1.61	1.62	1.6	1.65	0.739	0.740	704	717	1594	1594
2	901W32730HC	1.72	1.72	3.0	3.0	0.734	0.738	263	264	4000	4000
3	735W10349HC	4.64	4.65	3.45	3.45	0.738	0.770	524	524	1333	1333
4	836G30072	1.18	1.17	1.1	1.1	0.765	0.768	801	791	1594	1594
5	828W27286HC	1.72	1.72	3.8	3.8	0.753	0.756	228	228	4580	4580
6	841W32072HC	5.56	5.57	18	18	0.728	0.731	101	100	5507	6087
7	851W32703HC	3.54	3.54	6.7	6.7	0.745	0.734	253	253	3072	3072
8	749W21336HC	2.03	2.03	4.4	4.4	0.752	0.755	236	237	4174	4232
9	852W32713HC	4.03	4.04	7.9	7.8	0.756	0.755	216	217	3188	3188
10	902W32725HC	1.73	1.73	4.3	4.3	0.741	0.743	218	218	4696	4696
11	841W32070HC	3.00	3.00	3.35	3.35	0.757	0.773	396	396	2145	2145
12	818W21479HC	2.08	2.08	2.3	2.3	0.764	0.765	477	477	1971	1971
13	828W27264HC	2.02	2.06	1.9	1.95	0.760	0.763	347	347	3246	3449
14	914G41886HC	1.54	1.54	1.55	1.55	1.130	1.127	686	686	1652	1652
15	820W24239HC	1.75	1.75	3.3	3.3	0.751	0.754	261	261	3913	3913
16	828W27267HC	2.58	2.57	2.8	2.3	0.792	0.772	1154	1151	7246	5797
17	908W38776HC	5.54	5.51	3.9	3.9	0.758	0.761	224	224	4406	4406
18	828W27280HC	4.01	4.04	6.7	6.8	0.756	0.766	245	245	2957	2957
19	821W24252HC	3.23	3.23	6.6	6.6	0.765	0.762	214	214	3536	3536
20	828W27281HC	1.71	1.71	3.75	3.75	0.754	0.756	221	221	4522	4522
21	825W27171HC	1.84	1.85	2.4	2.3	0.772	0.765	433	433	2406	2290
22	751G21178HC	1.64	1.64	1.5	1.5	1.004	1.002	725	724	1507	1507
23	921W33744HC	3.98	4.01	0.85	0.85	0.752	0.755	564	564	2725	2725
24	912G42392HC	1.32	1.33	1.1	1.1	1.121	1.123	840	840	1391	1420
25	910G42342HC	1.31	1.31	1.1	1.1	0.874	0.871	807	807	1478	1478
26	902W32729HC	3.77	3.77	8.25	8.25	0.762	0.759	211	211	3362	3362
27	733W9709HC	2.73	2.72	7.3	7.3	0.733	0.736	166	166	4870	4870
28	828W27278HC	3.37	3.34	2.8	2.8	0.759	0.757	318	318	3101	3101
29	935W41221	0.71	0.71	1.1	1.1	0.782	0.785	377	377	3304	3304
30	807W22725HC	2.20	2.20	2.2	2.2	0.756	0.776	510	510	1884	1913

31	901W32727HC	1.86	1.87	2.8	2.8	0.755	0.760	299	299	3304	3304
32	828W27282HC	2.41	2.42	2.2	2.2	0.767	0.770	554	554	1536	1536
33	828W27280HC	1.57	1.57	3.8	3.8	0.754	0.756	222	222	4406	4406
34	848W32671HC	2.70	1.78	3.3	3.0	0.738	0.738	343	342	3710	3246
35	935W41221	0.59	0.59	0.7	0.7	0.764	0.767	495	495	2841	2841
36	751G21177HC	2.83	2.80	2.5	2.5	1.103	1.103	569	569	1739	1739
37	916G41934HC	2.45	2.45	1.7	1.75	1.473	1.464	847	846	1159	1159
38	921W33746HC	2.35	2.32	2.1	2.1	1.203	1.205	290	290	3913	3913
39	902W32729HC	1.83	1.83	4.1	4.1	0.747	0.750	211	211	4638	4638
40	921W33742HC	2.92	2.92	0.7	0.7	0.748	0.751	714	714	2174	2174

Tired of spam? Get advanced junk mail protection with MSN 8.
<http://join.msn.com/?page=features/junkmail>

Date: Mon, 19 May 2003 21:05:26 +0200 (CEST)
From: "=?iso-8859-1?q?Miguel=20Angel=20D.J.?=" <ea1bp@yahoo.es>
To: qrp-l@Lehigh.EDU
Subject: [150951] For trade: FT-817 Multiband Antenna
Message-ID: <20030519190526.89550.qmail@web20004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

I have for trade this antenna. Its brand new, never used and I would like to trade it for a QRP transceiver with 5 watts (minimun). I would accept a monoband transceiver for any band (No 40 meters).

Let me know.

Yahoo! Messenger - Nueva versi n GRATIS
Super Webcam, voz, caritas animadas, y m s...
<http://messenger.yahoo.es>

Date: Mon, 19 May 2003 12:30:01 -0700
From: "Brian K. Shiratsuki" <bks@usa.net>
To: qrp-l@lehigh.edu
Subject: [150952] norcal paddles sold
Message-ID: <3EC930B9.4010600@usa.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-7; format=flowed
Content-Transfer-Encoding: 7bit

The paddles were surprising popular, and are now sold. Thanks for all the interest, and I am glad they will stay "in the family."

Brian

Date: Mon, 19 May 2003 13:00:35 -0700
From: John Rollins <kd7bcy@teleport.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [150953] PSK-20's? Re: Warblers - Are they getting dusty ?
Message-ID: <a05200f00baeee6fd17f7@[63.187.200.100]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>I have not heard one on 80 meters in quite some time and have notice that
>posts on the list about using them has just disappeared. I know summer is
>coming and the noise has increased on 80, but I still expected to find one
>once in a while.

I've had my PSK80 around for a while, but haven't been able to use it. Now I have two PC laptops ready to go, and will be on the air soon, after I find out wether my antenna needs to be repaired or if I just don't want to operate in the rain(bad thing for an Oregonian).

I know another ham who is a manager at a Radio Shack nearby that wants to set up a PSK demo in-store and is looking for a PSK-20. Anyone know where to find one cheap or have one for sale? I saw one on eBay for an amazing \$180 and I see them at SWL's web site for \$100(a bit better), but we were hoping to find something cheaper if possible. Would the 20 be a good choice, or is there another band with more daytime activity? Night owls don't do much for a store demo that is only open during the day...

--

/-----\
| http://jrollins.tripod.com/ |
| KD7BCY kd7bcy@teleport.com |
\-----/

Date: Mon, 19 May 2003 16:37:00 -0400
From: Brad Thompson <Brad.Thompson@valley.net>

To: aa3ur@comcast.net,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150954] RE: Mail Call
Message-ID: <5.0.2.1.2.20030519163529.025afb30@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:08 PM 05/18/2003 -0400, David Porter wrote:

>I actually bought a surplus, handheld transceiver around 1963. I think it
>was used for air rescue work. It was yellow and about the size of a brick.
>The antenna was really neat. You would pull two collapsible antennas out
>about 18 inches or so and bend them at right angles, so they formed a
>dipole. Then you pulled a little more and it raised the "center insulator"
>about another 18 inches from the rig. It had three or four buttons on the
>side, and I think the transmit button could be locked down with a sliding
>mechanism. It had one mic/speaker, and a connector for batteries.

>

>I never could find any information on it and I don't know what happened to
>it. It had about 7 of those little pencil tubes in it and lots of
>"floating" solder connections. They couldn't float too far, because nearly
>every cubic inch inside it was already taken.

>

>

>Dave, AA3UR

Hello--

Sounds like an URC-4 emergency transceiver capable of operation on 121.5
MHz and 243 MHz.

Transmitting on either of these frequencies will invoke all kinds of
attention from search and
rescue people<g>.

73--

Brad AA1IP

Date: Mon, 19 May 2003 16:43:50 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [150955] RE: Mail Call
Message-ID: <5.1.1.6.1.20030519164223.00a5b510@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>>I never could find any information on it and I don't know what happened to
>>it. It had about 7 of those little pencil tubes in it and lots of
>>"floating" solder connections. They couldn't float too far, because nearly
>>every cubic inch inside it was already taken.

>Sounds like an URC-4 emergency transceiver capable of operation on 121.5
>MHz and 243 MHz.
>Transmitting on either of these frequencies will invoke all kinds of
>attention from search and
>rescue people<g>.

Brad,

Sounds like a good way to start an impromptu foxhunt.

Now, where's my box of old ELTs? (grin)

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 19 May 2003 17:16:14 -0400
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: <n1ix@att.net>
Cc: "qrp-1" <qrp-1@lehigh.edu>
Subject: [150956] Re: IF or Audio DSP filter
Message-ID: <003601c31e4b\$e1c0df40\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <n1ix@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, May 19, 2003 8:31 AM
Subject: IF or Audio DSP filter

>
> I just bought an IC-703 and I guess that I should have read
the fine print.
> It only will take one IF filter. So you can't have a CW and
SSB filter at the
> same time.
> I was thinking of just using a variable DSP filter on the
audio output, maybe a
> twmewave 59+. Is anyone else doing this?
>
> Dave N1IX
>

Howdy Dave:

Wonder if you tried out your IC-703 yet??

I am wondering about whether it has true QSK (ala K2, TenTec
ARGO) or some kind of delayed VOX/relay type keying for CW???

Let us know what you think about the radio when you can.

73, Joe W2KJ
(North Carolina)

Date: Mon, 19 May 2003 17:38:17 -0400
From: "Emmerson Bigguns" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [150957] RE: FDIM Pix
Message-ID: <MMEDLKDLOLONJOAIGICDJAMEBHEFAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Look through these I took and help yourself.
<http://www.fpqrp.com/fdim03/>

72, oo
Dan, N8IE
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
John P. Cummins, Sr.
Sent: Monday, May 19, 2003 9:17 AM
To: Low Power Amateur Radio Discussion
Subject: FDIM Pix

If any one that was at FDIM has any pictures of NoGaNaughts (from the
North Georgia QRP Club) in action (or Hamvention pix that are
interesting).. I am going to put together a web album for the NoGa web site.

Send 'em to me..!

es tnx

72

Pickett, AD4S

Incoming mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.478 / Virus Database: 275 - Release Date: 5/6/2003

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.478 / Virus Database: 275 - Release Date: 5/6/2003

Date: Mon, 19 May 2003 17:53:28 -0400
From: "Emmerson Bigguns" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [150958] RE: Bad Dayton vs good Dayton
Message-ID: <MMEDLKDLONJOAIGICDJAEIEFAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had a great bad day at Dayton!
Friday I found a very clean Icom IC-551 for \$165.00, most of the others
there were in the \$300+ range. Also found a 57 Handbook for a dear friend.
I hooked the IC-551 up to a G5RV to test it out on Friday, worked great.
While it was sitting there idling, I heard W2BSA calling CQ. The Boy Scouts

were camped out at Wright Patterson AFB that weekend so I got to have a great QSO with some of the nice young kids!

Saturday I got wet mostly. :-)

But I did manage to get a nice little hand key from N1TP. Neat little thing, machined from a solid block of aluminum and smooth as silk. Picked up a nice 5/8 wave CB antenna for \$5, this will get cleaned up and converted into a nice 6M vertical.

Sunday I got my cards checked out and now I'm in the DXCC club. :-)
Also found 100' of RG8X and some connectors.

In all my years at work, I have never had close to this much fun! And despite what was said on e-Ham, the bathrooms were pretty clean. LOL

72, oo

Dan, N8IE

FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
nilsbull@juno.com

Sent: Monday, May 19, 2003 7:48 AM

To: Low Power Amateur Radio Discussion

Subject: Bad Dayton vs good Dayton

Last night, after I finished rehabilitating a D-104 mic with a dead element that I got out in the fleas, I had a Q with a guy runnin HF ssb mobile down around Knoxville, TN. We were commiserating about the rain all day Saturday and most of the morning Sunday and he said: "Well, a bad day at Dayton is still better than a great day at work."

I had to agree.

But I still spent most of my time Saturday out in the fleas, looking for the four-pin Molex connector I needed to make a longer hose for my recently-acquired AH-4 auto tuner. That and heat shrink toobing and some RG-8x & some other stuff. Didn't find nawthin but the power cables & other suches and thems was inside.

So after I left the arena place Saturday, and on my way home, I stopped at Roger's and got 100 ft of RG-8x and same-same of some four-conductor shielded, the heat shrink and a couple other doodads. The antenna tuner control connector I found at a local RadioShack.com.

At which point you're supposed to ask me if I shouldn't have gone there

first instead of standing out in the rain with the other morons. To which I would answer "Yeah, but getting' rained on some was still better 'n a great day at work, see?"

Sunday I found the D-104 (right down the row from the guy with two Browning Eagles (bonk-weedle-dee-weedle-dee-dee) and waxed a bit nostalgic with a guy who had some radios that I could have had myself if I'd gotten into ham radio when my cousin did, about 20 years before I did. But that's . . . ok.

And I ordered an Arrow Antennas 6m beam. For which I do not have a tower, means of holding it aloft or any way of turnin' it toward Cuba the next time there's tropo of any reasonable strength. And I stood out in the rain for that too!

Hope the rest of you had a bad day at Dayton. 'Cause it was way better 'n a great day at work.

73

Nils

usual self-aggrandising sig lines withheld . . .

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Date: Mon, 19 May 2003 14:48:50 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [150959] Where are the Dayton Reports???
Message-ID: <04b501c31e50\$6ef87720\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Guys, we used to get tons of reports of all the things that went on at Dayton. Where are they this year?? Who made the Hall of Fame? What about the talks, any new kits, any neat homebrew projects? Come on guys, we want to know what happened. There are no ulterior or behind the scenes reasons for this post other than I am curious as to how it went, what happened, etc. I am sure a lot of other guys are too!! Post your experiences, we want to read them. Other than Nils, not much meat so far. 72, Doug

End of QRP-L Digest 2925

